

ANNUAL CALENDAR  
OF  
MCGILL COLLEGE  
AND  
UNIVERSITY,  
MONTREAL.



FOUNDED UNDER BEQUEST OF THE HON. JAMES MCGILL,  
ERECTED INTO A UNIVERSITY BY ROYAL CHARTER  
IN 1821; AND RE-ORGANIZED BY AN  
AMENDED CHARTER IN 1852.

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SESSION OF 1880-81.

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**M**ontreal:

PRINTED FOR THE UNIVERSITY BY JOHN LOVELL & SON.

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1880.



The *University Lists* of Graduates, Students, &c., will be found in the complete Calendar, which can be had on application to the Secretary.

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The *Examination Papers* of the Session 1879-80 are published separately, and may be purchased of the Secretary, or through book-sellers.

8909

# BENEFACTORS OF McGill University, Montreal.

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## I. ORIGINAL ENDOWMENT, 1811.

THE HONOURABLE JAMES MCGILL, who was born at Glasgow, 6th Oct., 1744, and died at Montreal, 19th Dec., 1813, by his last will and testament, under date 8th January, 1811, devised the Estate of Burnside, situated near the City of Montreal, and containing forty-seven acres of land, with the Manor House and Buildings thereon erected, and also bequeathed the sum of ten thousand pounds in money, unto the "Royal Institution for the Advancement of Learning," a Corporation constituted in virtue of an Act of Parliament passed in the Forty-first Year of the Reign of his Majesty, King George the Third, to erect and establish a University or College for the purpose of Education and the advancement of learning in the Province of Lower Canada, with a competent number of Professors and Teachers to render such Establishment effectual and beneficial for the purposes intended; requiring that one of the Colleges to be comprised in the said University, should be named and perpetually be known and distinguished by the appellation of "McGill College."

The value of the above mentioned property was estimated at the date of the bequest at .....\$120,000

## II. UNIVERSITY BUILDINGS.

THE WILLIAM MOLSON HALL, being the west wing of the McGill College buildings, with the Museum Rooms, and the Chemical Laboratory and Class Rooms, was erected in 1861, through the munificent donation of the founder whose name it bears.

THE PETER REDPATH MUSEUM, the gift of the donor whose name it bears, was announced by him as a donation to the University in 1880.

## III. ENDOWED CHAIRS.

THE MOLSON CHAIR OF ENGLISH LANGUAGE AND LITERATURE, in 1856, by the Honourable John Molson, Thomas Molson, Esq., and William Molson, Esq., —\$20,000.

THE PETER REDPATH CHAIR OF NATURAL PHILOSOPHY, in 1871, by Peter Redpath, Esq.,—\$20,000.

THE LOGAN CHAIR OF GEOLOGY, in 1871, by Sir W. E. Logan, LL.D., F.R.S., and Hart Logan, Esq.—\$20,000.

THE JOHN FROTHINGHAM CHAIR FOR MENTAL AND MORAL PHILOSOPHY, in 1873, by Miss Louisa Frothingham.—\$20,000.

## IV. EXHIBITIONS AND SCHOLARSHIPS IN ARTS.

THE JANE REDPATH EXHIBITION. \$100 annually—founded in 1868 by Mrs. Redpath of Terrace Bank, Montreal, and endowed with the sum of \$1,667.

THE McDONALD SCHOLARSHIPS AND EXHIBITIONS, 10 in number—founded in 1871, by William C. McDonald, Esq.—Annual value, \$1250.

THE CHARLES ALEXANDER SCHOLARSHIP, for Classics—founded in 1871, by Charles Alexander, Esq.—Annual value, \$120.

THE TAYLOR SCHOLARSHIP—founded in 1871, by T. M. Taylor, Esq. Annual value, \$100—terminated in 1878.

THE SCOTT EXHIBITION—founded by the Caledonian Society of Montreal in commemoration of the Centenary of Sir Walter Scott, and endowed in 1872 with the sum of \$1,100 subscribed by members of the Society, and other citizens of Montreal. The Exhibition is given annually in the Faculty of Applied Science.

#### V. ENDOWMENTS OF MEDALS AND PRIZES.

In 1856 Henry Chapman, Esq., founded a gold medal to be named the "Henry Chapman Gold Medal," to be given annually in the graduating class in Arts. This Medal was endowed by Mr. Chapman in 1874 with the sum of \$700.

In 1860 the sum of £200, presented to the College by H. R. H. the Prince of Wales, was applied to the foundation of a Gold Medal, to be called the "Prince of Wales Gold Medal," which is given in the graduating class for Honour Studies in Mental and Moral Philosophy.

In 1864 the "Anne Molson Gold Medal," was founded and endowed by Mrs. John Molson of Belmont Hall, Montreal, for an Honour Course in Mathematics and Physical Science.

In the same year the "Shakespeare Gold Medal," for an Honour Course to comprise and include the works of Shakespeare and the Literature of England from his time to the time of Addison, both inclusive, and such other accessory subjects as the Corporation may from time to time appoint—was founded and endowed by citizens of Montreal, on occasion of the three hundredth anniversary of the birth of Shakespeare.

In the same year the "Logan Gold Medal," for an Honour Course in Geology and Natural Science, was founded and endowed by Sir William Edmund Logan, LL.D., F.R.S., F.G.S., &c.

In 1865 the "Elizabeth Torrance Gold Medal," was founded and endowed by John Torrance, Esq., of St. Antoine Hall, Montreal, in memory of the late Mrs. John Torrance, for the best student in the graduating class in Law, and more especially for the highest proficiency in Roman Law.

In the same year, the "Holmes Gold Medal," was founded by the Medical Faculty, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine, to be given to the best student in the graduating class in Medicine, who shall undergo a special examination in all the branches, whether Primary or Final.

In 1874 a Gold and Silver Medal were given by His Excellency the Earl of Dufferin, Governor General of Canada, for competition in the Faculty of Arts, and continued till 1878.

In 1878 the "Sutherland Gold Medal" was founded by Mrs. Sutherland of Montreal, in memory of her late husband Prof. William Sutherland, M.D., for competition in the classes of Theoretical and Practical Chemistry in the Faculty of Medicine, together with creditable standing in the Primary Examinations.

In 1875 the "Neil Stewart prize of \$20 in Hebrew" was endowed by Neil Stewart, Esq., of Vankleek Hill, in the sum of \$340.

In 1880 a Gold and a Silver Medal were given by His Excellency the Marquis of Lorne, Governor General of Canada, the former for competition in the Faculty of Arts, the latter for competition in the Faculty of Applied Science.



## VI. SUBSCRIPTIONS TO THE GENERAL ENDOWMENT.

1856.

John Gordon McKenzie, Esq....	\$2000	Charles Alexander, Esq.....	\$600
Ira Gould, Esq.....	2000	Moses E. David, Esq.....	600
John Frothingham, Esq.....	2000	Wm. Carter, Esq.....	600
John Torrance, Esq.....	2000	Thomas Paton, Esq.....	600
James B. Greenshields, Esq.....	1200	Wm. Workman, Esq.....	600
William Busby Lambe, Esq....	1200	Honourable Sir A. T. Galt....	600
Sir George Simpson, Knight....	1000	Honorable Luther H. Holton...	600
Henry Thomas, Esq.....	1000	Henry Lyman, Esq.....	600
John Redpath, Esq.....	1000	David Torrance, Esq.....	600
James McDougall, Esq.....	1000	Edwin Atwater, Esq.....	600
James Torrance, Esq.....	1000	Theodore Hart, Esq.....	600
Honourable James Ferrier.....	1000	William Forsyth Grant, Esq....	600
John Smith, Esq.....	1000	Robert Campbell, Esq.....	600
Harrison Stephens, Esq.....	1000	Alfred Savage, Esq.....	600
Henry Chapman, Esq.....	600	James Ferrier, Jr., Esq.....	600
Honourable Peter McGill.....	600	William Stephens, Esq.....	600
John James Day, Esq.....	600	N. S. Whitney, Esq.....	600
Thomas Brown Anderson, Esq..	600	William Dow, Esq.....	600
Peter Redpath, Esq.....	600	William Watson, Esq.....	600
Thomas M. Taylor, Esq.....	600	Edward Major, Esq.....	600
Joseph McKay, Esq.....	600	Honourable Charles Dewey Day.	200
Donald Lorn McDougall, Esq..	600	John R. Esdaile, Esq.....	200
Honourable Sir John Rose.....	600		

1871.

William Molson, Esq.....	\$5000	T. W. Ritchie, Esq.....	\$600
William C. McDonald, Esq....	5000	A. & W. Robertson, Esqs.....	600
Thomas Workman, Esq.....	5000	Messrs. Sinclair, Jack & Co....	250
John Frothingham, Esq.....	5000	John Reddy, Esq., M.D.....	100
J. H. R. Molson, Esq.....	2000	Wm. Lunn, Esq.....	100
John McLennan, Esq.....	1000	Kenneth Campbell, Esq.....	100
B. Gibb, Esq.....	600	R. A. Ramsay, Esq.....	100
W. Notman, Esq.....	600	William Rose, Esq.....	50

## VII. ENDOWMENT FOR FACULTY OF APPLIED SCIENCE.

1871.

Daniel Torrance, Esq.....	\$5000
George Moffatt, Esq.....	1000
Charles J. Brydges, Esq.....	1000
Robert J. Reekie, Esq.....	1000

## VIII. ANNUAL SUBSCRIPTIONS IN AID OF THE FACULTY OF APPLIED SCIENCE.

1871.

Hon. James Ferrier, (per annum, for 12 years).....	\$100
Peter Redpath, Esq., (per annum, for 12 years).....	400
John H. R. Molson, Esq., (per annum, for 12 years).....	400
George H. Frothingham, Esq., (per annum, for 7 years).....	400
T. James Claxton, Esq., (per annum, 6 years).....	100
Donald Ross, Esq., (per annum, for 5 years).....	50

1878-9.

Miss Mary Frothingham, (per annum, for 5 years).....	400
H. McLennan, Esq. (per annum for 5 years).....	100
A. F. Gault, Esq., do do .....	100
Gilbert Scott, Esq., for 2 years.....	100
Joseph Hickson, Esq., do .....	100
Principal Dawson, do .....	300
His Excellency The Marquis of Lorne.....	500
Mrs. Redpath (Terrace Bank).....	100

# IX. SUBSCRIPTIONS FOR SPECIAL OBJECTS.

## *Subscriptions for the purchase of Philosophical Apparatus, 1867.*

William Molson, Esq.....	\$ 500	John Frothingham, Esq.....	100
John H. R. Molson, Esq.....	500	David Torrance, Esq.....	100
Peter Redpath, Esq.....	500		
George Moffatt, Esq.....	250		\$2,050
Andrew Robertson, Esq.....	100		

## *Subscriptions for the erection of a fire-proof Building for the Carpenter Collection of Shells, 1868.*

Peter Redpath, Esq.....	\$ 500	Wm. Dow, Esq.....	\$ 100
William Molson, Esq.....	500	Thomas Rimmer, Esq.....	100
Harrison Stephens, Esq.....	100	Andrew Robertson, Esq.....	100
Robert J. Reekie, Esq.....	100	Mrs. Redpath.....	100
John H. R. Molson, Esq.....	100	Benaiah Gibb, Esq.....	50
Sir William E. Logan, F.R.S..	100	Honourable John Rose.....	50
John Molson, Esq.....	100		
Thos. Workman, Esq., M.P....	100		\$2,180
Geo. H. Frothingham, Esq.....	100		

## *Subscriptions for the Erection of the Lodge and Gates.*

William Molson, Esq.....	\$ 100	James A. Mathewson, Esq.....	\$ 100
John H. R. Molson, Esq.....	100	Peter Redpath, Esq.....	100
William Workman, Esq.....	100	G. H. Frothingham, Esq.....	100
Joseph Tiffin, Jr., Esq.....	100	G. D. Ferrier, Esq.....	100
Thos. J. Claxton, Esq.....	100	Geo. W. Warner, Esq.....	100
James Linton, Esq.....	100	John Smith, Esq.....	100
William McDougall, Esq.....	100	Charles Alexander, Esq.....	100
Charles J. Brydges, Esq.....	100	J. Evans, Esq.....	100
George Drummond, Esq.....	100	Henry Lyman, Esq.....	100
Thomas Rimmer, Esq.....	100		
William Dow, Esq.....	100		\$2,100
John Frothingham, Esq.....	100		

## *Subscriptions for the internal fittings of the Library and Museum of the Faculty of Medicine, 1872.*

G. W. Campbell, A.M., M.D..	\$1200	Robert Craik, M.D.....	\$ 200
Wm. E. Scott, M.D.....	200	Geo. E. Fenwick, M.D.....	200
Wm. Wright, M.D.....	200	Joseph M. Drake, M.D.....	200
Robert P. Howard, M.D.....	200	George Ross, M.A., M.D.....	50
Duncan C. McCallum, M.D....	200		

## *Library and Museum Funds.*

Wm. Molson, Esq., for Library Fund.....	\$4000	Hon. F. W. Torrance, Mental and Moral Philosophy Book Fund.....	\$1000
Wm. Molson, Esq., for Museum Fund.....	\$2000		

*Subscriptions for Library, Museum and Apparatus.*

Mrs. G. H. Frothingham, for the arrangement of Dr. Carpenter's Collection of Mazatlan Shells.....	\$ 233	T. J. Claxton, Esq., £50 sterling for additions to the Museum.....	\$ 250
		John Thorburn, M.A., for the Library.....	\$90

A Lady, for the purchase of Mining Models. ....	\$1000
Thos. McDougall, Esq., for the same.....	25
J. Livesey, Esq., through Dr. Harrington, for the same.....	50
George Stephen, Esq., for the same.....	50
Charles Gibb, B.A., donation for Apparatus in Applied Science.....	50
Andrew Drummond, Esq., to Library Fund of Faculty of Applied Science...	25

*Subscriptions for Physiological Laboratory of Medical Faculty, 1879.*

Dr. Campbell.....	\$ 100	Dr. Ross.....	50
Dr. Howard.....	100	Dr. Roddick.....	50
Dr. Craik.....	100	Dr. Buller.....	50
Dr. McCallum.....	100	Dr. Gardner.....	50
Dr. Drake.....	100	Dr. Osler.....	50
Dr. Godfrey.....	100		
Dr. McEachran, F.R.C.V.S....	100		\$ 950

*Miscellaneous.*

Hon. C. Dunkin, M.P., in aid of the chair of Practical Chemistry.....	\$1,200	T. M. Thompson, Esq., \$250 for two Exhibitions in September, 1871; \$200 for two Exhibitions in 1872.....	\$450
Principal Dawson, in aid of the same.....	\$1,200	Rev. Colin C. Stewart, for the "Stewart Prize in Hebrew." Terminated in 1875.	\$60
R. Redpath, Esq., do do.....	\$226		

R. A. Ramsay, M.A., B.C.L., to defray the expenses of re-erecting the tomb of the late Hon. James McGill.....\$150 00

**X. ENDOWMENT, HELD IN TRUST BY THE BOARD OF ROYAL INSTITUTION.**

The "Hannah Willard Lyman Memorial Fund," contributed by subscription of former pupils of Miss Lyman, and invested as a permanent Endowment, to furnish annually a Scholarship or Prize in a College for Women affiliated to the University; or in Classes for the Higher Education of Women approved by the University. The amount of the fund is at present \$1,100.

**XI. SPECIAL COLLECTIONS OF BOOKS PRESENTED TO THE LIBRARY.**

1. The Peter Redpath Collection of Historical Books—presented by Peter Redpath, Esq., of Montreal, 1483 Volumes.
2. The Robson Collection of works in Archæology and general Literature, presented by Dr. John Robson of Warrington, England, 3436 Volumes.
3. The Charles Alexander Collection of Classical Works, presented by C. Alexander, Esq., of Montreal, 221 Volumes.
4. Frederick Griffin, Esq., Q.C., Collection of Books, being the whole of his Library, bequeathed by his will, 2692 Volumes.

**XII. SPECIAL COLLECTIONS PRESENTED TO THE MUSEUM.**

1. The Holmes Herbarium—presented by the late Andrew F. Holmes, M.D.
2. The Carpenter Collection of Shells—presented by the late P. P. Carpenter, Ph.D.
3. The Collection of Casts of Ivory Carvings issued by the Arundel Society—presented by Henry Chapman, Esq.

(See also "List of Donations to the Library and Museum," printed annually in the calendar.)

# LIST OF SUBSCRIPTIONS TO THE FUND OF THE GRADUATES SOCIETY, FOR THE ENDOWMENT OF THE LIBRARY.

The Graduates' Society of the University, in 1876, passed the following Resolution:—

“Resolved:— “That the members and graduates be invited to subscribe to  
“a fund for the endowment of the Libraries of the University; said fund to be  
“invested and the proceeds applied under the supervision of the Council of the  
“Society in annual additions to the Libraries; an equitable division of said  
“proceeds to be made by the Council between the University Library and those  
“of the Professional Faculties ”

In terms thereof, the following subscriptions have been announced to date  
(May 1st, 1880).

(alphabetically arranged.)

O'Hara Baynes, B.C.L.....	\$ 50 in 2 Annual Instalments.
M. B. Bethune, M.A., B.C.L.....	50 Cash.
Alex. D. Blackader, B.A., M.D.....	50 in 5 “
A. A. Browne, B.A., M.D.....	50 in 5 “
J. D. Cline, B.A., M.D.....	25 Cash.
Lemuel Cushing, LL.D., B.C.L.....	100 in 4 “
J. R. Dougall, M.A.....	50 in 5 “
R. W. Ellis, M.A.....	50 in 5 “
Rev. J. Empson, M.A.....	25 Cash.
Wm. Gardner, M.D.....	100 in 4 “
Charles Gibb, B.A.....	50 in 2 “
F. E. Gilman, LL.D., B.C.L.....	100 Cash.
C. H. Gould, B. A.....	100 in 5 “
J. S. Hall, B.A., B.C.L.....	50 in 2 “
Rev. W. Hall, M.A.....	10 Cash.
B. J. Harrington, B.A., Ph.D.....	50 in 2 “
F. W. Hicks, M.A.....	50 in 2 “
Edward Holton, B.C.L.....	100 in one sum.
M. Hutchinson, B.C.L.....	5 Cash.
G. E. Jenkins, B.C.L.....	5 in one sum.
F. J. Keller, B.C.L.....	100 in 4 “
F. W. Kelley, M.A., Ph.D.....	100 in 4 “
Rev. R. Laing, M.A.....	100 in 4 “
F. S. Lyman, B.A., B.C.L.....	50 in 2 “
H. H. Lyman, M.A.....	100 in 5 “
Wm. Molson, M.D.....	100 in 5 “
Fred. MacKenzie, B.C.L.....	100 in one sum.
J. J. MacLaren, M.A., B.C.L.....	100 in 4 “
D. R. McCord, M.A., B.C.L.....	100 in 4 “
James McGregor, LL.D.....	80 in 4 “
C. H. MacLeod, Ma. E.....	50 in 5 “
D. MacMaster, B.C.L.....	100 in 4 “
Wm. Osler, M.D.....	100 in 4 “
R. A. Ramsay, M.A., B.C.L.....	100 Cash.
Rev. E. I. Rexford, B.A.....	50 in 5 “
Alex. Robertson, B.A.....	100 in 4 “
S. P. Robins, LL.D.....	50 Cash.
T. G. Roldick, M. D.....	100 in 5 “
George Ross, M.A., M.D.....	100 in 4 “
F. J. Shepherd, M.D.....	100 in 5 “
J. F. Torrance, B.A., B. App. Sci.....	100 in 5 “
N. W. Trenholme, M.A., B.C.L.....	100 in 4 “
D. F. H. Wilkins, B. App. Sci.....	5 in one sum.

Total to date..... \$3,055

# ACADEMICAL YEAR 1880-81.

## SEPTEMBER, 1880.

1 Wednesday	Normal School opens.
2 Thursday	
3 Friday	
4 Saturday	
5 SUNDAY	
6 Monday	
7 Tuesday	
8 Wednesday	Meeting of Norm. Sch'l Committee.
9 Thursday	
10 Friday	
11 Saturday	Meeting of Faculty of Law.
12 SUNDAY	
13 Monday	
14 Tuesday	
15 Wednesday	Meetings Fac. Arts & App. Science
16 Thursday	Mat. and Supp. Exn's in Classics.
17 Friday	Exhib. and Scholarship Examin.
18 Saturday	Mat. & Supp. Exn's in Mathematics
19 SUNDAY	Exhibition and Scholarship Exn's
20 Monday	Mat. & Supp. Exn's in English, Logic
21 Tuesday	Men. & Mor. Phil. Exh. & Sch. Ex.
22 Wednesday	Mat. and Supp. Exn's in Modern
23 Thursday	Languages and Natural Science
24 Friday	Exhibition and Scholarship Exn's
25 Saturday	Lect. in Arts & App. Science begin.
26 SUNDAY	Meeting of Faculty of Arts.
27 Monday	Meeting of Governors.
28 Tuesday	
29 Wednesday	Meeting of Governors.
30 Thursday	Summer Essays in App. Sci. given in.

## NOVEMBER, 1880.

1 Monday	Meeting of Faculty of Arts.
2 Tuesday	
3 Wednesday	Meeting of Nor. School Committee.
4 Thursday	
5 Friday	
6 Saturday	Meeting of Faculty of Law.
7 SUNDAY	
8 Monday	
9 Tuesday	
10 Wednesday	Annual University Lecture.
11 Thursday	Meeting of Faculty App. Science.
12 Friday	
13 Saturday	
14 SUNDAY	
15 Monday	Meeting of Faculty of Arts.
16 Tuesday	
17 Wednesday	
18 Thursday	
19 Friday	
20 Saturday	
21 SUNDAY	
22 Monday	
23 Tuesday	
24 Wednesday	
25 Thursday	
26 Friday	
27 Saturday	Meeting of Governors.
28 SUNDAY	
29 Monday	Meeting of Faculty of Arts.
30 Tuesday	

## OCTOBER, 1880.

1 Friday	Session of Law & Med. Facs. begins.
2 Saturday	Matriculation Examin. in Medicine.
3 SUNDAY	Meeting of Faculty of Law.
4 Monday	Meeting of Faculty of Arts.
5 Tuesday	
6 Wednesday	Founder's Birthday.
7 Thursday	Meeting of Norm. Sch'l Committee.
8 Friday	The William Molson Hall open, 1862.
9 Saturday	
10 SUNDAY	
11 Monday	
12 Tuesday	
13 Wednesday	
14 Thursday	Meeting of Fac. of Applied Science.
15 Friday	
16 Saturday	
17 SUNDAY	
18 Monday	Meeting of Faculty of Arts.
19 Tuesday	
20 Wednesday	
21 Thursday	
22 Friday	
23 Saturday	Meeting of Governors.
24 SUNDAY	
25 Monday	
26 Tuesday	
27 Wednesday	Regular Meeting of Corporation.
28 Thursday	School Examiners appointed.
29 Friday	Reports on Scholarships & Exhib.
30 Saturday	Accounts audited.
31 SUNDAY	

## DECEMBER, 1880.

1 Wednesday	Meeting of Nor. School Committee.
2 Thursday	
3 Friday	
4 Saturday	Meeting of Faculty of Law.
5 SUNDAY	
6 Monday	
7 Tuesday	Lectures in Arts terminate.
8 Wednesday	
9 Thursday	Christmas Examinations commence.
10 Friday	Meeting of Fac. of App. Science.
11 Saturday	
12 SUNDAY	
13 Monday	
14 Tuesday	
15 Wednesday	
16 Thursday	
17 Friday	Lectures in App. Science terminate.
18 Saturday	Meeting of Governors.
19 SUNDAY	
20 Monday	
21 Tuesday	
22 Wednesday	Christmas Vacation commences.
23 Thursday	
24 Friday	
25 Saturday	Christmas-Day.
26 SUNDAY	
27 Monday	
28 Tuesday	
29 Wednesday	
30 Thursday	
31 Friday	



# **JANUARY, 1881.**

1 Saturday	Meeting of Faculty of Law.
2 <b>SUNDAY</b>	
3 Monday	
4 Tuesday	
5 Wednesday	Christmas Vacation ends. Meeting Fac. Arts; Lec. in Arts, Law, Med. & App. Science re-commence. Meeting of Nor. Sch'l Committee.
6 Thursday	
7 Friday	
8 Saturday	
9 <b>SUNDAY</b>	
10 Monday	Meeting of Faculty of Arts.
11 Tuesday	
12 Wednesday	Meeting of Fac. of Applied Science
13 Thursday	
14 Friday	
15 Saturday	
16 <b>SUNDAY</b>	
17 Monday	
18 Tuesday	
19 Wednesday	
20 Thursday	
21 Friday	Meeting of Governors.
22 Saturday	
23 <b>SUNDAY</b>	
24 Monday	Meeting of Faculty of Arts.
25 Tuesday	Regular Meeting of Corporation.
26 Wednesday	Examiners appointed. Annual Report to Visitor.
27 Thursday	
28 Friday	Theses for M.A. & LL.D. to be sent
29 Saturday	in to the Dean.
30 <b>SUNDAY</b>	
31 Monday	

# **MARCH, 1881.**

1 Tuesday	Theses for Degree of B.C.L. to be sent in to Dean of Faculty.
2 Wednesday	No Lectures. Meeting of Normal School Committee.
3 Thursday	
4 Friday	
5 Saturday	Meeting of Faculty of Law.
6 <b>SUNDAY</b>	
7 Monday	Meeting of Faculty of Arts.
8 Tuesday	
9 Wednesday	
10 Thursday	Examinations in Law. Meeting of Faculty of Applied Science.
11 Friday	Examinations in Law.
12 Saturday	
13 <b>SUNDAY</b>	
14 Monday	Examinations in Law.
15 Tuesday	Examinations in Law.
16 Wednesday	Examinations in Law.
17 Thursday	Examinations in Law.
18 Friday	Examinations in Law. Lectures in Medicine terminate.
19 Saturday	Exam. in Botany, Med. Faculty.
20 <b>SUNDAY</b>	
21 Monday	Meeting of Faculty of Arts. Pri- mary Examinations in Medicine.
22 Tuesday	Primary Examinations in Medicine.
23 Wednesday	
24 Thursday	Final Examinations in Medicine.
25 Friday	Lectures in Arts terminate. Final Examinations in Medicine.
26 Saturday	Meeting of Governors.
27 <b>SUNDAY</b>	
28 Monday	Meeting of Faculty of Arts. Reports of Attendance on Lectures.
29 Tuesday	Lectures in App. Science terminate.
30 Wednesday	B. A. Honour Examinations begin.
31 Thursday	Convoc. for Degrees in Law & Med.

# **FEBRUARY, 1881.**

1 Tuesday	Theses for Degree of D.C.L. to be sent in to Dean of Fac. of Law.
2 Wednesday	Meeting of Nor. School Committee.
3 Thursday	Meeting of Examiners.
4 Friday	
5 Saturday	Meeting of Faculty of Law.
6 <b>SUNDAY</b>	
7 Monday	Meeting of Faculty of Arts.
8 Tuesday	
9 Wednesday	
10 Thursday	Meeting of Fac. of Applied Science.
11 Friday	
12 Saturday	
13 <b>SUNDAY</b>	
14 Monday	
15 Tuesday	
16 Wednesday	
17 Thursday	Supplemental Examinations.
18 Friday	
19 Saturday	
20 <b>SUNDAY</b>	
21 Monday	Meeting of Faculty of Arts.
22 Tuesday	
23 Wednesday	
24 Thursday	
25 Friday	
26 Saturday	Meeting of Governors.
27 <b>SUNDAY</b>	
28 Monday	

# **APRIL, 1881.**

1 Friday	Ordinary Examinations in Arts and Applied Science begin.
2 Saturday	
3 <b>SUNDAY</b>	
4 Monday	Meeting of Faculty of Arts.
5 Tuesday	
6 Wednesday	
7 Thursday	
8 Friday	
9 Saturday	
10 <b>SUNDAY</b>	
11 Monday	
12 Tuesday	
13 Wednesday	Meeting of Fac. of Applied Science.
14 Thursday	Good Friday. Easter Vacation begins.
15 Friday	
16 Saturday	Easter Day.
17 <b>SUNDAY</b>	
18 Monday	
19 Tuesday	Easter Vacation ends.
20 Wednesday	
21 Thursday	Meeting of Fac. of Arts. Meeting of Examiners.
22 Friday	Meeting of Governors.
23 Saturday	
24 <b>SUNDAY</b>	
25 Monday	
26 Tuesday	
27 Wednesday	Regular Meeting of Corporation. Meeting of Examiners. Declara- tion of Results of Examination.
28 Thursday	
29 Friday	Meeting of Convocation for Degrees in Arts and Applied Science.
30 Saturday	



# MAY, 1881.

1	SUNDAY	
2	Monday	
3	Tuesday	
4	Wednesday	Normal School Committee.
5	Thursday	
6	Friday	
7	Saturday	
8	SUNDAY	
9	Monday	
10	Tuesday	
11	Wednesday	
12	Thursday	
13	Friday	
14	Saturday	
15	SUNDAY	
16	Monday	
17	Tuesday	
18	Wednesday	Examinations for Certificate of Associate in Arts begin.
19	Thursday	
20	Friday	
21	Saturday	
22	SUNDAY	
23	Monday	
24	Tuesday	Queen's Birth-Day.
25	Wednesday	
26	Thursday	
27	Friday	
28	Saturday	Meeting of Governors.
29	SUNDAY	
30	Monday	
31	Tuesday	

# JULY, 1881.

1	Friday	
2	Saturday	
3	SUNDAY	
4	Monday	
5	Tuesday	
6	Wednesday	
7	Thursday	
8	Friday	
9	Saturday	
10	SUNDAY	
11	Monday	
12	Tuesday	
13	Wednesday	
14	Thursday	
15	Friday	
16	Saturday	
17	SUNDAY	
18	Monday	
19	Tuesday	
20	Wednesday	
21	Thursday	
22	Friday	
23	Saturday	
24	SUNDAY	
25	Monday	
26	Tuesday	
27	Wednesday	
28	Thursday	
29	Friday	
30	Saturday	
31	SUNDAY	

# JUNE, 1881.

1	Wednesday	Exams. in Normal School commence.
2	Thursday	Normal School Committee.
3	Friday	
4	Saturday	
5	SUNDAY	Whit-Sunday.
6	Monday	
7	Tuesday	
8	Wednesday	
9	Thursday	
10	Friday	
11	Saturday	
12	SUNDAY	
13	Monday	
14	Tuesday	
15	Wednesday	Declaration of results of School Examinations.
16	Thursday	
17	Friday	
18	Saturday	
19	SUNDAY	
20	Monday	
21	Tuesday	
22	Wednesday	Regular Meeting of Corporation. Report of Normal School.
23	Thursday	
24	Friday	
25	Saturday	Meeting of Governors.
26	SUNDAY	
27	Monday	
28	Tuesday	
29	Wednesday	
30	Thursday	Normal School closes for Summer Vacation.

# AUGUST, 1881.

1	Monday	
2	Tuesday	
3	Wednesday	
4	Thursday	
5	Friday	
6	Saturday	
7	SUNDAY	
8	Monday	
9	Tuesday	
10	Wednesday	
11	Thursday	
12	Friday	
13	Saturday	
14	SUNDAY	
15	Monday	
16	Tuesday	
17	Wednesday	
18	Thursday	
19	Friday	
20	Saturday	
21	SUNDAY	
22	Monday	
23	Tuesday	
24	Wednesday	
25	Thursday	
26	Friday	
27	Saturday	
28	SUNDAY	
29	Monday	
30	Tuesday	
31	Wednesday	

# Faculty of Arts.

EXAMINATION DAYS.—1880-81.

CHRISTMAS EXAMINATIONS, 1880.

Dec.	DAYS	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEARS.
9	Thur.	Greek.	Greek.	Math. Physics.	Math. Physics.
10	Fri.	Latin.	Latin.	Exp. Physics.	Exp. Physics.
13	Mon.		Botany.	English.	Metaphysics.
14	Tues.	Mathematics.	French.	Moral Philosophy.	
15	Wed.				
16	Thur.	English.	Logic.	Greek.	English.
17	Frid.	Chemistry.	Mathematics.	Latin.	Geology.
20	Mon.	French.	English & German.	Zoology.	German.
21	Tues.	German & Hebrew.	Hebrew.	{ French, German & Hebrew.	French & Hebrew.

SESSIONAL AND HONOUR EXAMINATIONS, 1881.

Mar	DAYS.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
31	Thur.				B. A. Honour Ex.
Apr.					
1	Fri.	Greek.	Greek.	Math. Physics.	Metaphysics.
4	Mon.	Latin.	Latin.	Math. Physics.	Metaphysics.
5	Tues.	{ Greek & Roman History.	Latin. Prose Com.	Exp. Physics.	Exp. Physics.
6	Wed.	Chemistry.	English.	Moral Philosophy.	English.
7	Thur.				B. A. Honour Ex.
8	Frid.	English.	Mathematics.	Greek.	Math. Physics.
11	Mon.		Mathematics.	Latin.	Math. Physics.
12	Tues.	French & Hebrew.	French & Hebrew.	Latin Prose Comp.	Geology.
13	Wed.	German.	German.	Zoology.	Greek.
14	Thur.	Mathematics.	Botany.	French.	Latin.
20	Wed.	Mathematics.	Logic.	English.	History.
21	Thur.			German & Hebrew.	{ French, German, Hebrew and B.A. Honour Ex.
22	Fri.	Honour Exam's.	Honour Exam's.	Honour Exam's.	B. A. Honour Ex.
25	Mon.	Honour Exam's.	Honour Exam's.	Honour Exam's.	B. A. Honour Ex.

*All Examinations begin at 9 a.m., and 2 p.m., unless otherwise specified.  
The Examinations are generally limited to the morning.*

# McGill University, Montreal.

VISITOR :—

HIS EXCELLENCY

THE RIGHT HON. THE MARQUIS OF LORNE, K.T., P.C.,  
GOVERNOR GENERAL OF CANADA, &c.

GOVERNORS :—

*[Being the Members of the Royal Institution for the Advancement of Learning.]*

THE HON. CHARLES DEWEY DAY, LL.D., D.C.L.

*President and Chancellor of the University.*

THE HON. JAS. FERRIER, SENATOR, M.L.C.

THE HON. CHRISTOPHER DUNKIN, M.A., D.C.L.

PETER REDPATH, Esq.

GEORGE MOFFATT, M.A.

JOHN H. R. MOLSON, Esq.

THE HON. FREDERICK W. TORRANCE, M.A., B.C.L.

CHARLES J. BRYDGES, Esq.

THE HON. SIR ALEXANDER T. GALT, K.C.M.G.

THE HON. SIR FRANCIS HINCKS, K.C.M.G., C.B.

JOHN MOLSON, Esq.

JOSEPH HICKSON, Esq.

*[The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.]*

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SECRETARY, REGISTRAR AND BURSAR :—

*[And Secretary of the Royal Institution.]*

WILLIAM CRAIG BAYNES, B.A., Residence and Office, East Wing, McGill  
College, Office hours, 10 to 2.

JAMES W. BRAKENRIDGE, B.C.L., Clerk, Residence 39 Lorne Avenue.

## PRINCIPAL :—

JOHN WILLIAM DAWSON, M.A., LL.D., F.R.S., *Vice-Chancellor*.

[The Principal has, under the Statutes, the general superintendence of all affairs of the College and University ; under such regulations as may be in force.]

## FELLOWS :—

VEN. ARCHDEACON LEACH, D.C.L., LL.D., Vice-Principal and Dean of the Faculty of Arts.

HENRY ASPINWALL HOWE, LL.D., Governors' Fellow.

THE HON. J. J. C. ABBOTT, D.C.L., Q.C., Dean of the Faculty of Law.

GEORGE W. CAMPBELL, M.A., M.D., LL.D., Dean of the Faculty of Medicine.

REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.

ALEXANDER JOHNSON, M.A., LL.D., Vice-Dean of the Faculty of Arts, Governors' Fellow.

REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.

REV. HENRY WILKES, M.A., D.D., LL.D., Principal of the Congregational College of British North America.

REV. D. H. MACVICAR, LL.D., Principal of the Presbyterian College of Montreal.

R. A. RAMSAY, M.A., B.C.L., Representative Fellow in Law.

WILLIAM H. HICKS, ESQ., Principal of McGill Normal School.

J. J. McLAREN, M.A., B.C.L., Representative Fellow in Law.

JOHN R. DOUGALL, M.A., Representative Fellow in Arts.

WILLIAM H. KERR, Q.C., D.C.L., Acting Dean of the Faculty of Law, Governors' Fellow.

REV. J. CLARKE MURRAY, LL.D., Elective Fellow, Faculty of Arts.

J. S. C. WURTELE, B.C.L., Elective Fellow, Faculty of Law.

HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.

BERNARD J. HARRINGTON, B.A., Ph.D., Elective Fellow, Fac. App. Science.

REV. CHARLES A. TANNER, Principal St. Francis College, Richmond.

REV. E. J. REXFORD, B.A., Representative Fellow in Arts.

ROBERT BELL, Grad. Civ. Eng., M.D., Representative Fellow in App. Science.

REV. JOHN JENKINS, D.D., LL.D., Governors' Fellow.

REV. J. F. STEVENSON, B.A., D.D., Chairman Protestant Board of School Commissioners.

REV. CANON HENDERSON, M.A., Principal of the Montreal Diocesan Theological College.

REV. GEORGE DOUGLAS, LL.D., Principal of Wesleyan Theological College.

GILBERT L. GIRDWOOD, M.D., Elective Fellow, Faculty of Medicine.

HON. L. RUGGLES CHURCH, M.D., Representative Fellow in Medicine.

WILLIAM OSLER, M.D., Representative Fellow in Medicine.

CLEMENT H. MCLEOD, M.A., Representative Fellow in Applied Science.

[The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters ; and to grant Degrees.]

## OFFICERS OF INSTRUCTION:

JOHN WILLIAM DAWSON, M.A., LL.D., F.R.S. <i>Principal, Logan Professor of Geology and Professor of Natural History.</i>	East Wing McGill College.
VEN. ARCHDEACON LEACH, D.C.L., LL.D. <i>Vice Principal, Dean of the Faculty of Arts and Molson Professor of English Literature.</i>	16 University Street.
HENRY ASPINWALL HOWE, LL.D. <i>Emeritus Professor of Mathematics and Natural Philosophy.</i>	Outremont.
HON. J. J. C. ABBOTT, D.C.L. <i>Dean of the Faculty of Law and Emeritus Professor in the Faculty of Law.</i>	916 Sherbrooke Street.
GEORGE W. CAMPBELL, M.A., M.D., LL.D. <i>Dean of the Faculty of Medicine and Emeritus Professor in the Faculty of Medicine.</i>	707 Sherbrooke Street.
WILLIAM E. SCOTT, M.D. <i>Professor of Anatomy.</i>	109 Union Avenue.
WILLIAM WRIGHT, M.D. <i>Professor of Materia Medica and Pharmacy.</i>	84 St. Famille Street.
ROBERT P. HOWARD, M.D. <i>Professor of the Theory and Practice of Medicine.</i>	47 Union Avenue.
REV. A. DE SOLA, LL.D. <i>Professor of Hebrew and Oriental Literature.</i>	73 McGill Col. Av.
HON. WILLIAM BADGLEY, D.C.L. <i>Emeritus Professor in the Faculty of Law.</i>	64 McGill Col. Av.
R. G. LAFLAMME, D.C.L. <i>Emeritus Professor in the Faculty of Law.</i>	23 Berri Street.
CHARLES F. A. MARKGRAF, M.A. <i>Professor of German Language and Literature.</i>	McGill Col. Library.
D. C. MCCALLUM, M.D. <i>Professor of Midwifery and Diseases of Women and Children.</i>	45 Union Avenue.
ALEXANDER JOHNSON, M.A., LL.D. [Trin. Col. Dublin]. <i>Professor of Mathematics and Redpath Professor of Natural Philosophy, Vice-Dean of the Faculty of Arts.</i>	70 McGill Col. Av.
REV. GEORGE CORNISH, M.A., LL.D. <i>Professor of Classical Literature.</i>	149 Metcalf Street.
PIERRE J. DAREY, M.A., B.C.L. <i>Professor of French Language and Literature.</i>	39 McGill College Av.
ROBERT CRAIK, M.D. <i>Emeritus Professor in the Faculty of Medicine.</i>	2 Phillips Square.
EDWARD CARTER, Q.C., D.C.L. <i>Emeritus Professor in the Faculty of Law.</i>	31 Cadieux Street.
G. E. FENWICK, M.D. <i>Professor of Surgery.</i>	1404 St. Catherine Street.
JOSEPH M. DRAKE, M.D. <i>Emeritus Professor in the Faculty of Medicine.</i>	45 Beaver Hall Terrace.
N. W. TRENHOLME, M.A., B.C.L. <i>Professor of Roman Law.</i>	Clarke Avenue.

- J. S. C. WURTELE, B.C.L.  
*Professor of Commercial Law.* 416 St. Antoine Street.
- WILLIAM H. KERR, D.C.L.  
*Professor of International Law, Acting Dean of the Faculty of Law.* 387 Sherbrooke.
- GILBERT P. GIRDWOOD, M.D.  
*Professor of Practical Chemistry.* 28 Beaver Hall Terrace.
- REV. J. CLARKE MURRAY, LL.D. [Glasgow].  
*Professor of Logic and John Frothingham Professor of Mental and Moral Philosophy.* 111 Mackay Street.
- HON. H. F. RAINVILLE, LL.B. [Laval].  
*Professor of Real Estate Law.* St. Lawrence Hall.
- GEORGE ROSS, M.A., M.D.  
*Professor of Clinical Medicine.* 49 Union Avenue.
- BERNARD J. HARRINGTON, B.A., Ph.D.  
*Professor of Assaying and Mining, and Lecturer on Chemistry.* Walbrae Pl., Univ. St.
- THOMAS G. RODDICK, M.D.  
*Professor of Clinical Surgery.* 44 Beaver Hall Terrace.
- WILLIAM OSLER, M.D.  
*Professor of Institutes of Medicine.* 1351 St. Catherine Street.
- WILLIAM GARDNER, M.D.  
*Professor of Medical Jurisprudence.* 551 St. Joseph Street.
- HENRY T. BOVEY, M.A., A.I.C.E., Fellow Queen's Coll. Cambridge.  
*Dean of the Faculty of Applied Science. Professor of Civil Engineering and Applied Mechanics.* 31 McTavish Street.
- CHARLES E. MOYSE, B.A. [London].  
*Professor of History and Associate Professor of English Language and Literature.* McGill College.
- JOHN S. ARCHIBALD, B.A., B.C.L.  
*Professor of Criminal and Constitutional Law.* 113 Mackay Street.
- EDMOND LAREAU, B.C.L.  
*Professor of Legal History.* 293 Notre Dame Street.
- MATTHEW HUTCHINSON, B.C.L.  
*Associate Professor of Civil Procedure.* Oliver Street, Cote St. Antoine.
- J. EMERY ROBIDOUX, B.C.L.  
*Associate Professor of Real Estate Law.* 35 St. Hubert Street.
- C. H. MCLEOD, M.A. E.  
*Lecturer in Geometrical Drawing and Superintendent of Meteorological Observatory.* 69 Mansfield Street.
- FRANCIS J. SHEPHERD, M.D.  
*Demonstrator of Anatomy.* 85 Mansfield Street.
- FRANK BULLER, M.D.  
*Lecturer on Diseases of the Eye and Ear.* 1351 St. Catherine Street.
- GEORGE H. CHANDLER, B.A.  
*Lecturer in Mathematics, Faculty of Applied Science.* 32 Lorne Avenue.
- JOHN ANDREW,  
*Instructor in Elocution.* 64 Roy Street.
- FREDERICK S. BARNJUM,  
*Instructor in Gymnastics.* 19 University Street.



# General Statement.

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## SESSION OF 1880-81.

The Forty-eighth Session of the University, being the Twenty-eighth under the amended charter, will commence in the Autumn of 1880.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University ; and, under the statutes framed by the Board of Governors, with approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational : and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the several Affiliated Colleges and Schools.

### I. MCGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each : and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew ; all which subjects are imperative in the first two years of the Course ; but in the third and fourth years options are allowed in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, and English Literature. Certain exemptions are also allowed to Professional Students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and leads to the Degree of M.D., C.M. There is also a Summer Course which is optional.

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions, of six months each, and leads to the degrees of B.C.L., and D.C.L.

## II. AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, *Quebec*—Is affiliated in so far as regards Degrees in Arts and Law.

[Detailed information may be obtained from Rev. John Cook, D.D., Principal.]

ST. FRANCIS COLLEGE, *Richmond*—Is affiliated in so far as regards the Intermediate Examinations in Arts.

[Detailed information may be obtained from Rev. C. A. Tanner, Principal, Richmond, P. Q.]

## III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their Students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, *Montreal*.

THE PRESBYTERIAN COLLEGE OF MONTREAL, in connection with the Canada Presbyterian Church.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

## IV. AFFILIATED SCHOOLS.

THE MCGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

THE MODEL SCHOOLS OF THE MCGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department and Primary School.

COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under regulations which will be found on a subsequent page.

[Details of all the above will be found in the Annual Calendar of the University and in Announcements of the special Colleges, Faculties and Schools, which may be had on application to the Registrar of the University or the Principals or Secretaries of the several Colleges, &c.]

# Faculty of Arts.

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## THE PRINCIPAL (Ex-officio).

Professors :—LEACH.

DE SOLA.

DAWSON.

MARKGRAF.

JOHNSON.

Professors :—CORNISH.

DAREY.

MURRAY.

HARRINGTON.

MOYSE.

Dean of the Faculty :—Ven. ARCHDEACON LEACH, D.C.L., LL.D.

Vice-Dean :—ALEXANDER JOHNSON, LL.D.

Librarian :—Professor MARKGRAF, M.A.

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[CONTENTS.—*Course of Study*, § I. ; *Matriculation*, &c. , § II. ; *Exhibitions*, &c., § III. ; *Examinations*, &c., § IV. ; *Exemptions*, &c., § V. ; *Medals*, &c., § VI. ; *Licensed Boarding-houses*, § VII. ; *Attendance*, &c., § VIII. ; *Library*, &c., § IX. ; *Fees*, &c., § X. ; *Courses of Lectures*, § XI.]

The next Session of this Faculty will commence on September 15th, 188c, and will extend to April 30th, 1881.

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## § I. COURSE OF STUDY.

1. Undergraduates are arranged according to their standing, as Students of the First, Second, Third or Fourth Years. They are required to attend all the Courses of Lectures appointed for their several years, under the Regulations as to attendance and conduct stated in § VIII ; the only exceptions are those in favour of Honour and Professional Students, stated in § V.

### ORDINARY COURSE FOR THE DEGREE OF B.A.

*First Year*.—Classics ; French or German ; English Language and Literature ; Pure Mathematics ; History ; Elementary Chemistry.

*Second Year*.—Classics ; French or German ; Logic and Elementary Psychology ; Pure Mathematics ; Botany.

*Third Year*.—Classics ; Rhetoric and English Literature ; Moral Philosophy ; Mixed Mathematics ; Experimental Physics ; Zoology.

*Fourth Year*.—Classics ; English Literature ; Mental Philosophy ; Mixed Mathematics ; Experimental Physics ; Mineralogy and Geology.

Undergraduates are required to study either French or German for two years, (viz., in the First and Second Years) taking the same language in each year. Any Student failing to pass the Examination at the end of the Second Year will be required to pass a Supplemental Examination, or to take an additional Session in the Language in which he has failed. In addition to the obligatory, there are other Lectures, attendance on which is optional.

The Lectures in Modern Languages will be so arranged that Students competent and desirous to take in the same years the Lectures in French and in German, may do so.

Students who intend to join any Theological School, on giving written notice to this effect at the beginning of the First Year, may take Hebrew instead of French or German.

The Faculty may permit any Student to take Spanish instead of French or German.

2. At the examination for the Degree of B.A., Honours are given in the following subjects, for which special Honour Courses are provided :—[For details see under §XI.]

1. *Classical Languages and Literature.*
2. *Mathematics and Physics.*
3. *Logic and Mental and Moral Philosophy.*
4. *English Language, Literature, and History.*
5. *Geology and other Natural Sciences.*

Students taking B.A. Honours in any of the above Courses may omit two of the ordinary subjects in the Degree Examination, under the conditions stated in § V., II.

Honours are given in the above subjects in the Third Year also, and in Mathematics in the First and Second Years as well.

## § II. MATRICULATION AND ADMISSION.

1. Candidates for Matriculation as Undergraduates are required to present themselves to the Dean of the Faculty, on the 16th of September, for examination; they may, however, enter after the commencement of the Session, if, on examination, found qualified to join the classes.

The subjects of examination for entrance into the First Year are, Classics, Mathematics and English.

*In Classics.*—Greek.—Xenophon, *Anabasis*, Book I. ; or, Homer, *Iliad*, Book I. ; Greek Grammar.

*Latin.*—Cicero, *Orations* I. and II. against *Catiline* ; or, Virgil, *Æneid*, Book I. ; Latin Grammar.

*In Mathematics.*—Arithmetic ; Algebra, to Simple Equations, inclusive ; Euclid's Elements, Books I., II., III.

*In English.*—Writing from Dictation, English Composition. A paper on English Grammar including Analysis. A paper on the leading events of English History.

[Associates in Arts who, at their special Examination, have passed in Latin, Greek, English, Algebra and Geometry, are not required to present themselves for the Matriculation Examination.]

2. Candidates not matriculated in the University, or Partial Students of the First Year, may be admitted to the standing of students of the Second Year, provided that they pass the Sessional Examinations of the First Year, or an examination in the following subjects at the beginning of the Second Year :—

*In Classics.*—*Greek.*—Homer, Book VI. ; Xenophon, Anabasis, Book I. ; Grammar and Prose Composition.

*Latin.*—Virgil, *Æneid*, Book VI. ; Cicero, Orations IV. against Catiline ; Grammar and Prose Composition.

[Equivalent authors in Latin and Greek may be received by the Examiners for entrance into either year.]

*In Mathematics.*—

*Euclid.*—Books I., II., III., IV., VI., with defs. of Book V. (omitting Propositions 27, 28, 29, of Book VI.)

*Algebra.*—To end of Quadratic equations (Colenso's Alg.)

*Trigonometry.*—Galbraith and Haughton's Trigonometry, Chaps. I., 2, 3, 4, 6, to beginning of numerical solution of plane triangles.

*Arithmetic.*—Elementary rules, Proportion, Interest, Discount, &c., Vulgar and Decimal Fractions, Square Root.

*In English Literature.*—English Grammar including Analysis, English Composition, English History.

*In French or German.*—Grammar and easy Translation.

[Candidates must satisfy the Professor of French that they have a fair knowledge of De Fivas' *Grammaire des Grammaires* as far as Syntax ; failing this or the knowledge of German requisite to join the regular class, they may *commence* the study of German, which they will then be required to carry on for two years.]

Students of other Universities may be admitted, on the production of Certificates, to a like standing in this University, after examination by the Faculty.

**PARTIAL STUDENTS.**—Candidates for Matriculation as Partial Students, taking three or more Courses of Lectures, or as Students in any Special Course, will be examined in the subjects necessary thereto, as may from time to time be determined by the Faculty.

**OCCASIONAL STUDENTS.**—Persons desirous of taking one or two Courses of Lectures, as Occasional Students, may apply to the Vice-Dean for entry in his



Register, and may procure from the Secretary tickets for the Lectures they desire to attend.

Every student is expected to present, on his entrance, a written intimation from his parent or guardian, of the name of the minister of religion under whose care and instruction it is desired that the student shall be placed, who will thereupon be invited to place himself in communication with the Faculty on the subject. Failing such intimation from his parent or guardian, the Faculty will endeavour to establish befitting relations.

### § III. SCHOLARSHIPS AND EXHIBITIONS.

#### GENERAL REGULATIONS.

1. A Scholarship is tenable for *two* years. An Exhibition for *one* year.
2. Scholarships are open for competition to Students who have passed the University Intermediate Examination, provided that not more than three Sessions have elapsed since their Matriculation; and also to Candidates who have obtained what the Faculty may deem equivalent standing in some other University.

3. Scholarships are divided into two classes :—[1] *Science* Scholarships; [2] *Classical and Modern Language* Scholarships. The subjects of Examination for each are as follows :—

*Science Scholarships*.—Differential and Integral Calculus; Analytic Geometry; Plane and Spherical Trigonometry; Higher Algebra and Theory of Equations; Botany; Chemistry; Logic.

*Classical and Modern Language Scholarships*.—Greek; Latin; English Composition; English Language, Literature and History; French.

4. Exhibitions are assigned to the First and Second Years.

First Year Exhibitions are open for competition to candidates for entrance into the First Year.

Second Year Exhibitions are open for competition to Students who have passed the First Year Sessional Examination, provided that not more than two Sessions have elapsed since their Matriculation; and also to candidates for entrance into the Second Year.

The subjects of Examination are as follows :—

*First Year Exhibitions*.—Classics, Mathematics, English.

*Second Year Exhibitions*.—Classics, Mathematics, English Language and Literature, Chemistry, French.

5. The First and Second Year Exhibition Examinations will, for Candidates who have not previously entered the University, be regarded as Matriculation Examinations.

6. No student can hold more than one Exhibition or Scholarship at the same time; but four of the first Year Exhibitioners will be granted exemption from



the Sessional fees throughout their College Course, under Presentation Scholarships from the Governor General. (See below.)

7. Exhibitions and Scholarships will not necessarily be awarded to the best answerers at the Examinations. Absolute merit will be required.

8. If in any one College Year there be not a sufficient number of Candidates showing absolute merit, any one or more of the Exhibitions or Scholarships offered for competition may be transferred to more deserving Candidates in another year.

9. A successful Candidate must, in order to retain his Scholarship or Exhibition, proceed regularly with his College Course to the satisfaction of the Faculty.

10. The annual income of the Scholarships or Exhibitions will be paid in four instalments, viz :—In October, December, February and April, about the 20th day of each month.

11. The Examinations will be held at the beginning of every Session.

There are at present thirteen Scholarships and Exhibitions.

THE JANE REDPATH EXHIBITION, founded by Mrs. Redpath, of Terrace Bank, Montreal :—value, \$100 yearly.

THE McDONALD SCHOLARSHIPS AND EXHIBITIONS, ten in number, established by W. C. McDonald, Esq., Montreal :—value, \$125 each, yearly.

THE GOVERNORS' SCHOLARSHIP, established by the Board of Governors :—value about \$120 yearly.

THE CHARLES ALEXANDER SCHOLARSHIP, founded by Charles Alexander, Esq., Montreal, for the encouragement of the study of Classics and other subjects :—value, \$120 yearly.

#### EXHIBITIONS AND SCHOLARSHIPS TO BE OFFERED IN SEPTEMBER, 1880.

##### *First Year.*

THREE EXHIBITIONS.—Two of \$125, one of \$100. The examinations will be in the following subjects :—

*Greek*.—Homer, Iliad, bk. IV. ; Xenophon, Anabasis, bk. II. ; Demosthenes, Philippic I.

*Latin*.—Cicero, In Catilinam, Oratt. III. and IV. ; Horace, Odes, bk. I. ; Ovid, Fasti, bk. I., vss. 1-300.

Latin Prose Composition.

A paper on Greek and Latin Grammar.

*Text-books*.—Hadley's Elements of Greek Grammar.—Arnold's Greek Prose Composition, Exercises 1 to 25. Dr. Wm. Smith's Smaller Latin Grammar, and Principia Latina, Part IV.

*Mathematics*.—Euclid, bks. I., II., III., IV. ; Algebra to end of Harmonical Progression (Colenso). Arithmetic.

*English*.—English Grammar and Composition—(Bain's Grammar as far as Derivation.) Special exercises in Grammar and Composition.

Additional Exhibitions may be given in the First Year, should there not be qualified candidates in the Second and Third Years.

### *Second Year.*

TWO EXHIBITIONS.—One of \$125, and one of \$100.

The Examinations will be in the following subjects :—

*Greek*.—Homer, *Odyssey*, bk. XII. ; Xenophon, *Hellenics*, bk. II. ; Herodotus, bk. VI., Chaps. 71 to end.

*Latin*.—Horace, *Odes*, bk. III. ; Livy, bk. IX., Chaps. 1 to 22, inclusive ; Virgil, *Æneid*, bk. VI. ; Cicero, *Select Letters* (Pritchard and Bernard).

Greek and Latin Prose Composition.

A paper on Grammar and History.

*Text-books*.—Dr. William Smith's *History of Greece*. Liddell's *History of Rome*. Hadley's *Greek Grammar*. Smith's *Student's Latin Grammar*. Arnold's *Greek Prose Composition*. Smith's *Principia Latina*, Parts IV. and V.

*Mathematics*.—The Mathematics (Ordinary and Honour) of First Year.

*English*.—Bain's Grammar,—Special exercises in Grammar and Composition.

*Chemistry*.—The metallic Elements as in Wilson's *Elementary Chemistry*.

*French*.—De Fivas' *Grammaire des Grammaires*, to paragraph No. 422. Lafontaine, *les Fables*, Livres III. and IV. Molière, *le Bourgeois gentilhomme*.

### *Third Year.*

THREE SCHOLARSHIPS.—Three of \$125 yearly.

Two of these will be given on Examinations in Science as follows :—one in Mathematics and Logic, and one in Natural Science and Logic :—

1. *Mathematics*.—Differential Calculus (Williamson, Chaps. 1, 2, 3, 4, 9 ; Chap. 12, Arts. 168–193 inclusive ; Chap. 17, Arts. 225–243 inclusive). Integral Calculus (Williamson, Chaps. 1, 2, 3, 4, 5 ; Chap. 7, Arts. 126–140 inclusive ; Chap. 8, Arts. 150–156 inclusive ; Chap. 9, Arts. 168–176 inclusive). Analytic Geometry (Salmon's *Conic Sections*, Chaps. 1–14 inclusive). Hind's *Plane and Spherical Trigonometry*. Salmon's *Modern Higher Algebra* (first six chapters). Todhunter's *Theory of Equations*.  
*Logic*, as in Whately's *Logic*, Books II. and III.
2. *Natural Science*.—*Botany*, as in Gray's *Structural and Systematic Botany*. *Canadian Botany*, including a practical acquaintance with all the orders of Phænogams and Acrogens. *Chemistry*, as in Wilson's *Elements*.  
*Logic*, as in Whately's *Logic*, Books II and III.

One will be given on an Examination in Classics and Modern Languages, as follows :—

*Classics.*—*Greek.*—Euripides, Medea ; Demosthenes, the Olynthiacs ; Xenophon, Hellenics, Book I. ; Herodotus, Book VIII. ; Thucydides, Book VI.  
*Latin.*—Horace, Satires, Book I., and Epistles, Book I. ; Virgil, Georgics, Book I. ; Terence, Adelphi ; Tacitus, Annals, Book I. ; Pliny, Select Letters (Pritchard and Bernard ; Clarendon Press Series).  
 Greek and Latin Prose Composition.

*History*—*Text-books.*—Rawlinson's Manual of Ancient History ; Smith's Greece ; Liddell's Rome.

*English Language and Literature.*—Spalding's English Literature ; Shakespeare, Julius Cæsar ; Trench, Study of Words ; Trench, English, Past and Present.

*English Composition.*—(High marks will be given for this subject, in order to encourage the practice of it, after the models of the best writers.)

*French.*—Racine, Britannicus ; Molière, les Femmes savantes. De Fivas' Grammaire des Grammaires. Les Ecrivains célèbres de la France :—Bonnefon. Translation from English into French.

*Classical Subjects for Exhibitions, September, 1881.*

**GREEK.**—*First Year.*

Homer, Iliad, bk. IV. ; Xenophon, Anabasis, bk. V. ; Demosthenes Phillippic I.

**LATIN.**—*First Year.*

Cicero, In Catilinam, Oratt. III. and IV. ; Horace, Odes, bk. I. ; Ovid, Fasti, vss. 1–300.

**GREEK.**—*Second Year.*

Homer, Odyssey, bk. XI. ; Xenophon, Hellenics, bk. II. ; Herodotus, bk. VI., Chaps. 71 to end of Book.

**LATIN.**—*Second Year.*

Virgil, Æneid, bk. VI. ; Horace, Odes, bk. III. ; Livy, bk. IX., Chap. 23 to end ; Cicero, Select Letters (Pritchard and Bernard).

**EXEMPTIONS FROM FEES UNDER PRESENTATION SCHOLARSHIPS, &c.**

A number of these are in the gift of Benefactors, and entitle the Students holding them to exemption from the Sessional Fees in the Faculty of Arts. Sixteen have been placed by the Governors at the disposal of His Excellency the Governor General. Candidates must pass the usual Matriculation Examination.

[By command of His Excellency, four of these Exemptions will be offered for competition in the First Year Exhibition Examinations of the ensuing session.]

Eight Exemptions from fees may be granted by the Board of Governors, from time to time, to the most successful Students who may present themselves as candidates. By order of the Board one of these is given annually to the *Dux* of the High School of Montreal, and one to the Dux of any other Academy or High School sending up, in one year, three or more candidates competent to pass creditably the Matriculation Examination.

In the event of any Academy or High School in the Province of Quebec offering for competition among pupils an Annual Bursary in the Faculty of Arts, of not less than \$80, the Governors will add the amount of the fees of tuition thereto.

An Exemption from fees may be given annually to any teacher holding the Model School or Academy Diploma of the McGill Normal School, recommended by the Principal and Professors of the School, and passing creditably the Matriculation Examination in Arts.

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## § IV. EXAMINATIONS.

### COLLEGE EXAMINATIONS.

1. There are two Examinations in each year ; one at Christmas and the other at the end of the Session. In each of these, the students who pass are arranged according to their answering, as 1st Class, 2nd Class, and 3rd Class.

In the Fourth Year only, the University Examination for B.A. takes the place of the Sessional Examination.

Fourth Year Students are required at the Christmas Examination's to pass in all the subjects of the obligatory lectures, even though some of the subjects do no form part of their B.A. Examination.

2. Students who fail in any subject in the Christmas Examinations are required to pass a Supplemental Examination in that subject before admission to the Sessional Examinations.

3. Students who fail in one subject in the Sessional Examinations are required to pass a Supplemental Examination in it. Should they fail in this, they will be required in the following Session to attend the Lectures and pass the Examination in the subject in which they have failed, in addition to those of the Ordinary Course, or to pass the Examination alone without attending Lectures, at the discretion of the Faculty.

4. Failure in two or more subjects at the Sessional Examinations involves the loss of the Session. The Faculty may permit the Student to recover his standing by passing a Supplemental Examination at the beginning of the ensuing Session. For the purpose of this

Regulation, Classics and Mathematics are each regarded as two subjects.

5. The time for the Supplemental Examination will be fixed by the Faculty ; and such Examination will not be granted at any other time except by special permission of the Faculty and on payment of a fee of \$5.

## UNIVERSITY EXAMINATIONS.

### I. FOR THE DEGREE OF B.A.

There are three University Examinations :—The *Matriculation*, at entrance ; the *Intermediate*, at the end of the Second Year ; and the *Final*, at the end of the Fourth Year.

1. The subjects of the Matriculation Examination are stated in Section §II.

2. In the Intermediate Examination the subjects are Classics and Pure Mathematics, Logic, and the English Language, with one other Modern Language, or Botany. Theological Students are allowed to take Hebrew instead of a Modern language. The subjects for the Examination of 1881 are as follows :—

*Classics*.—Greek.—Euripides.—Medea.

Latin.—Horace, Epistles, Book I.

Latin Prose Composition.

*Mathematics*.—Arithmetic.

Euclid, Books I., II., III., IV., VI., and defs. of Book V.

Algebra, to Quadratic Equations inclusive.

Trigonometry, including use of Logarithms.

*Logic*.—Jevons' Elementary Lessons in Logic, pp. 1-182.

*English*.—An English Essay. Spalding's History of English Literature. A paper on the essentials of English History (Collier).

With one of the following :—

1. *Botany and Vegetable Physiology*.—Structural and Systematic Botany, as in Gray's Text-Book, omitting the Descriptions of the Orders.
2. *French*.—Molière :—Le Bourgeois gentilhomme, l'Avare. Racine :—Britannicus. Les Ecrivains célèbres de la France :—Bonnefon. Translation into French.
3. *German*.—Schmidt's German Guide ; Adler's Reader ; Translation into German.
4. *Hebrew*.—Grammar to the end of the Irregular verbs. Translation from the Book of Genesis, first three chapters. Exercises :—Hebrew into English, and English into Hebrew.



3. For the Final Examination six subjects are offered for selection ; namely :—[1] Classics, [2] Mixed Mathematics, [3] Mental and Moral Philosophy, [4] Natural Science, [5] Experimental Physics, [6] One Modern Language and Literature (or Hebrew), with History. Every candidate must pass in four of these, namely :—Classics and Mixed Mathematics, which are obligatory, and any two of the remaining subjects, at his option. The subjects for 1880 are as follows :—

1. *Classics*.—Greek.—Thucydides, Book VII.  
Sophocles.—Electra.  
Latin.—Tacitus.—Annals, Book I.  
Juvenal.—Satires VIII. and X.  
Latin Prose Composition.  
General Paper in Grammar and History.
2. *Mathematics*.—Mechanics. }  
Hydrostatics. } As treated in Galbraith and Haughton's  
Optics. } Manuals.  
Astronomy. }

[Except in the case of Exemptions to Professional Students as stated in § V.]

3. *Mental and Moral Philosophy*.—Murray's Outline of Hamilton's Philosophy ; Calderwood's Handbook of Moral Philosophy.
4. *Natural Science*.—Geology and Mineralogy, as in Dana's Geology and Manual of Mineralogy.—The Zoology, Botany and Chemistry necessary to the study of the books above named ; or as in Dawson's Handbook of Zoology ; Gray's Structural and Systematic Botany, and Wilson's Inorganic Chemistry.
5. *Experimental Physics*.—*Electricity*.—Statical and Dynamical :—including Electro-Magnetism—Magneto-Electricity — Thermo-Electricity—Diamagnetism—Electric Measurements—Practical Application to Telegraph, &c. *Magnetism*. *Sound*.—Theory of Undulations.—Production and Propagation of Sound—Vibrations of Strings, Rods, and Plates.—Vibrations of Fluids.—Musical Sounds.
6. *History and English*.—viz., (a) *English Language*.—Marsh's Hand-Book ; or Chaucer, Prologue to Canterbury Tales, with Early English Grammar. (Clarendon Press Series, ed. Morris).  
(b) *English Literature*.—Shakespeare—Hamlet. (Clarendon Press Series, ed. Clark and Wright). Hallam's Literary History of Europe—the parts relating to English Literature.  
(c) *History*.—Green's Short History of the English people.

Or instead of History and English, candidates may take one of the following :—

- (a) *History and French*.—History as above. The course of French for the Fourth Year.—Boileau, Art poétique ; Corneille, Horace ; Translation into French, and French Composition.



- (b) *History and German*.—History as above. Schiller, Geschichte des 30 jährigen Krieges ; Goethe, Iphigenie auf Tauris ; General paper on Grammar ; Translation into German, and German Prose Composition.
- (c) *History and Hebrew*.—(Theological Students only.) History as above. Hebrew Grammar ; Translation from first four chapters of Isaiah ; any three of the Psalms ; the Chaldaic portions of the Scriptures ; Targum of Onkelos on Genesis, Chap. I. : Modern Hebrew Poetry, Halevi or Gabirol.

## II. FOR THE DEGREE OF M.A.

Bachelors in Arts, of at least three years' standing, are entitled to the degree of Master of Arts after such examination and exercises as may be prescribed by the Corporation. The Regulation at present is that the Candidate shall prepare a Thesis on some literary, scientific, or professional subject, approved by the Faculty. Such Thesis shall be reported on by the Faculty to the Corporation before the granting of the Degree.

[*Changes in the Regulations for this Degree are under consideration. They may possibly be inserted in an Appendix.*]

## § V. SPECIAL PROVISIONS FOR CANDIDATES FOR HONOURS AND FOR PROFESSIONAL STUDENTS.

### *I. Candidates for Honours in the Third Year.*

Candidates for Honours who, at the Sessional Examination of the Second Year, have passed in the First Class in the subjects in which they purpose to compete for Honours, and not below Second Class in the others, may, on application to the Faculty, be allowed the following exemptions :—

They may in the Lectures and Examinations of the Third Year omit any one of the following subjects, provided it is not immediately connected with that in which they study for Honours :—(1) Greek. (2) Latin. (3) Optics. (4) Rhetoric. (5) Moral Philosophy. (6) Experimental Physics. (7) Zoology.

The particular exemption desired must be stated to the Faculty in the application of the candidate, and no change can be made subsequently.

For the purpose of the above Regulations, the subjects of the Second Year in which Honours are given in the Third Year are classified under the following heads :

1. Classics. 2. Mathematics and Physics. 3. Logic, Moral and Mental Philosophy. 4. Natural Science. 5. English.

The candidate must pursue the Honour course selected to the satisfaction of the Professor, and must pass the Examination therein.

The above exemptions shall be granted only with reference to Honour subjects in which regular courses of Lectures are delivered in the Third Year.

## *II. Candidates for B.A. Honours.*

Students who have attained Honours at the end of the Third Year in any subject, and wish to be candidates for B.A. Honours in the same subject, are entitled to exemptions if they have been placed in the 1st or 2nd Class in any two of the four subjects required for the Final Examination. The Regulations concerning these exemptions are as follows :—

[1] EXAMINATIONS.—They may claim to have the Third Year Examination in the two subjects referred to regarded as a B.A. Examination in the same.

[This amounts to exemption at the ordinary B.A. Examination from two of the four subjects required above.]

[2] LECTURES.—They are required to attend the Ordinary Lectures of the Fourth Year [for which see § I and Time Table] in three subjects only. Two of these must be the subjects in which they are to pass the ordinary B.A. Examination, if Lectures are delivered in them ; if not, the choice is left to the Candidate.

[N.B. Candidates are required to pass the Christmas Examination in the subjects in which they attend the ordinary Lectures.]

## *III. Law and Medical Students.*

1. Students of the Third and Fourth Years, matriculated in the Faculties of Law or Medicine of the University, are entitled to the following exemptions :—

In the Third Year they may omit the Lectures and Examinations in Optics and in any one of the following subjects :—Zoology, Experimental Physics, or Rhetoric and English Literature.

In the Lectures of the Fourth year they may omit Greek and Astronomy and also Geology or Experimental Physics. At the Christmas Examination of the Fourth year they may omit Astronomy and Optics.

In the Ordinary B.A. Examinations they may, in Classics, pass in Latin alone ; and in Mixed Mathematics, in Mechanics and Hydrostatics alone.

To be allowed these privileges in either year, they must give notice at the commencement of the Session, to the Dean of the Faculty, of their intention to claim exemptions as Professional Students, and must produce at the end of the Session certificates of attendance on a full course of Professional Lectures during the year for which the exemptions are claimed.

#### *IV. Students in Faculty of Applied Science.*

Students in Arts who have passed the Intermediate Examination and been placed therein not lower than the Second Class in Mathematics have the privilege of entering the Second Year in Applied Science, and will be exempted from the Mental and Moral Philosophy and the Greek of the Third and Fourth Years in Arts while proceeding regularly in the course for B. Ap. Sc.

#### *V. Students of Affiliated Theological Colleges.*

1. Such Students, whether entered as Matriculated or Occasional, are subject to the regulations of the Faculty of Arts in the same manner as other students.

2. The Faculty will make formal reports to the Governing body of the Theological College to which any such Students may belong, as to:—[1] their conduct and attendance on the classes of the Faculty; and [2] their standing in the several examinations; such reports to be furnished after the Christmas and Sessional Examinations severally, if called for.

3. Matriculated Students are allowed no exemptions in the course for the degree of B.A. till they have passed the Intermediate Examination; but they may take Hebrew in the First and Second years, instead of French or German.

4. In the Third and Fourth years they are allowed exemptions as follows:—

In the Third year they may omit Optics and Rhetoric, and English Literature with Experimental Physics or Zoology.

In the Fourth year they may omit Astronomy and Optics and English Literature, with Experimental Physics or Geology.

5. Certificates of attendance on the full course of lectures in the Theological College, during the year for which the exemptions are claimed, must be produced by Students who avail themselves of these exemptions, before presenting themselves for Examination.

[No Student will be allowed in the same Session both Professional and Honour exemptions. Students are cautioned against difficulties that may arise from any change such as taking Professional Exemptions in the Third Year, and Honour Exemptions in the Fourth, or vice versâ, *e.g.*, a Professional Student who has not taken up "Optics" in the Third Year, may be required by the Regulations to take it up in the Fourth if he does not claim Professional Exemptions in that year.]

## § VI. MEDALS, HONOURS, PRIZES AND CLASSING.

1. GOLD MEDALS will be awarded in the B.A. Honour Examinations to Students who take the highest Honours of the First Rank in the subjects stated below, and who shall have passed creditably the Ordinary Examinations for the Degree of B.A. :

The *Henry Chapman Gold Medal*, for the Classical Languages and Literature.  
 The *Prince of Wales Gold Medal*, for Logic and Mental and Moral Philosophy.  
 The *Anne Molson Gold Medal*, for Mathematics and Natural Philosophy.  
 The *Shakespeare Gold Medal*, for the English Language, Literature and History.  
 The *Logan Gold Medal*, for Geology and other Natural Sciences.

In the event of there being no Candidate for any Medal, or of none of the Candidates fulfilling the required conditions, the Medal will be withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subjects for which the Medal was intended. For details, see announcements of the several subjects below.

2. HONOURS, of First or Second Rank, will be awarded to those Matriculated Students who have successfully passed the Examinations in any Honour Course established by the Faculty, and have also passed creditably the ordinary Examinations in all the subjects proper to their year.

*By a recent Order of the Lieutenant-Governor of Ontario in Council, Honours in this University confer the same privileges in Ontario as Honours in the Universities of that Province, as regards certificates of eligibility for the duties of Public School Inspectors, and as regards exemption from the non-professional Examination of Teachers for First-Class Certificates for Grades "A" and "B."*

3. SPECIAL CERTIFICATES will be given to those candidates for B.A. who shall have been placed in the First Class at the ordinary B.A. Examination.

4. CERTIFICATES of High General Standing will be granted to those Matriculated Students, who are placed in the First Class in the aggregate of the Studies proper to their year.

5. PRIZES OR CERTIFICATES to those Matriculated Students who may have distinguished themselves in the studies of a particular class, and have attended all the other classes proper to their year.

6. His Excellency the Marquis of Lorne has been pleased to offer a Gold Medal in the Faculty of Arts, yearly during his term of office, for the encouragement of the study of Modern Languages and Literature with History.

LORNE GOLD MEDAL.—The Regulations are as follows :

1. The Subjects for competition shall be French and either German or Spanish, together with the History part of the present Honour Course for the Shakespeare Medal.

2. The course of study shall extend over two years, viz., the Third and Fourth Years.

3. The successful Candidate must be capable of speaking and writing both languages correctly.

4. There shall be examinations in the subjects of the course in both the Third and Fourth Years, at which Honours may be awarded to deserving Candidates.

5. The general conditions of competition, and the privileges as regards exemptions, shall be the same as for the other Gold Medals in the Faculty of Arts.

6. Students from other Faculties shall be allowed to compete, provided they pass the examinations of the Third and Fourth Years in the above subjects.

7. The subjects of Examination shall be as follows :

I. FRENCH.—*Third Year.*

Racine,—*Phèdre* ; *Les Plaideurs*.

Boileau,—*L'Art Poétique*.

Pascal,—*Les Pensées*.

La Bruyère,—*Les Caractères*.

Ampère,—*Formation de la Langue française*.

In addition to the ordinary course as stated in the Calendar.

*Fourth Year.*

Molière,—*Le Misanthrope*.

Corneille,—*Cinna*.

La Rochefoucauld,—*Les Maximes*.

Montaigne,—*Les Essais*.

Bonneton,—*Les Auteurs contemporains*.

Auguste Brachet,—*Grammaire historique*.

In addition to the ordinary Course as stated in the Calendar.

II. GERMAN.—*Third Year.*

Advanced Grammar,—(Whitney).

Schiller,—*Wilhelm Tell*.

Herder,—*Der Cid*.

Wieland,—*Geschichte der Abderiten*.

Schleicher,—*Die Deutsche Sprache* (History of the German Language).

History of German Literature from 1750, being a Critical Review of the Principal Writers of the Classical Period ;—The Men of ' Sturm und Drang '—The Romantic Schools—Modern Lyric Poets—(Gostwick and Harrison's Outlines).

Translation into German (Selections from English Prose writers).

Composition.



*Fourth Year.*

Advanced Grammar,—(Whitney).

A special study of Goethe's 'Faust' (Part I.) and 'Iphigenie auf Tauris'.  
Selections from Heine's Lyrical Poems.

Schiller,—Geschichte des dreissigjährigen Krieges.

Schleicher,—Die Deutsche Sprache.

German Literature from 1150 to 1350.—Mediaeval Classic writers—  
Epic, Lyric and Didactic Poetry—(Kurz, Leitfaden zur Geschichte der Deutschen Literatur).

Translation from English writers.

Composition.

III. SPANISH.—*Third Year.*

Grammar and Composition, Rabadan's Advanced Course.

Selection from the Novelas Exemplares of Cervantes.

Poesias Selectas de Lope de Vega.

History of Spanish Language and Literature, Ticknor and Bouterwek.

First period; from end of the twelfth century to the beginning of the sixteenth.

*Fourth Year.*

Composition.

Translation from English into Spanish.

Latter portion of Rabadan's Advanced Course.

Calderon's La Vida es sueño, and El Alcalde de Zalamea.

History of Spanish Literature, Luis de Leon, Cervantes, Lyric Poetry,  
Ballad Poetry, Romancero del Cid, School of Salamanca.

## IV. HISTORY.—(See Calendar, pages 42 and 43.)

For the Competition in April, 1880, the Course will be only that for the Fourth Year as given above. In future years, the Competitive Examination will include the work of both the Third and Fourth Years.

7. THE NEIL STEWART PRIZE of \$20 is open to all Undergraduates of this, and also to Graduates of this or any other University, studying Theology in any College affiliated to this University, under the following rules:

1. The prize will not be given for less than a thorough examination in Hebrew Grammar, passed in the First Class, in reading and translating the Pentateuch and such poetic portions of the Scripture as may be determined.

2. In case competitors should fail to attain the above standard, the prize will be withheld, and a prize of Forty Dollars will be offered in the following year for the same.

[Course for the present year:—Hebrew Grammar (Gesenius); Translation and analysis of the first ten chapters of Genesis; the prophet Habakkuk (the whole book); and the first five Psalms.]

3. There will be two Examinations of three hours each ; one in Grammar and the other in Translation and Analysis.

This Prize, founded by the late Rev. C. C. Stewart, M.A., and terminated by his death, has been re-established by the liberality of Neil Stewart, Esq., of Vankleek Hill, and will be offered for competition next Session.

8. (a). EARLY ENGLISH TEXT SOCIETY'S PRIZE.—This prize, the annual gift of the Early English Text Society, will be awarded for proficiency in (1) Anglo-Saxon, (2) Early English before Chaucer.

The subjects of Examination will be :

(1) *The lectures of the Third and Fourth Years on Anglo-Saxon.*

(2) *Specimens of Early English (Clarendon press Series, ed. Morris and Skeat), Part II. A.D. 1298—A.D. 1393. The lay of Havelok the Dane (Early English Text Society, ed. Skeat).*

(b). NEW SHAKESPEARE SOCIETY'S PRIZE. This prize, the annual gift of the New Shakespeare Society, will be awarded for a critical knowledge of the following plays of Shakespeare :

Hamlet ; Macbeth ; Othello ; King Lear.

9. The names of those who have taken Honours, Certificates, or Prizes, will be published in order of merit ; with mention, in the case of Students of the First and Second Years, of the schools, in which their preliminary education has been received.

## § VII. LICENSED BOARDING-HOUSES.

(*Regulations for Students in Arts, passed by Corporation, April, 1875.*)

1. All Students under 21 years of age, not residing with parents or guardians, nor belonging to a Theological College, shall reside in licensed boarding-houses, unless they produce written authority from parents or guardians to reside elsewhere.

2. Persons applying for a license to keep a boarding-house shall produce evidence satisfactory to the Principal as to their character and fitness, and the suitability of the house for the health and comfort of the students. They shall also supply him with a statement of charges.

3. The keeper of the boarding-house shall report immediately to the Principal the entrance or departure of any Student, and any instance of immorality or disorderly conduct.

### § VIII. ATTENDANCE AND CONDUCT.

All Students shall be subject to the following regulations for attendance and conduct :

1. A Class-book shall be kept by each Professor and Lecturer, in which the presence or absence of Students shall be carefully noted ; and the said Class-book shall be submitted to the Faculty at all their ordinary meetings during the Session.

2. Each Professor shall call the roll immediately at the beginning of a lecture. Credit for attendance on any lecture may be refused on the grounds of lateness, inattention or neglect of study, or disorderly conduct in the Class-room. In the case last mentioned, the student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any of the above offences against discipline, after admonition by the Professor, shall be reported to the Dean of Faculty. The Dean may, at his discretion, reprimand the student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from Classes.

3. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.

4. While in the College, or going to or from it, Students are expected to conduct themselves in the same orderly manner as in the Class-rooms. Any Professor observing improper conduct in the College buildings or grounds, may admonish the Student, and if necessary report him to the Dean.

5. Every Student is required to attend regularly the religious services of the denomination to which he belongs, and to maintain, without, as well as within the walls of the College a good moral character.

6. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, report to parents or guardians, impose fines, disqualify from competing for prizes and honours, suspend from Classes, or report to the Corporation for expulsion.

7. Any Student who does not report his residence, on or before Nov. 1st in each year, is liable to a fine of one dollar.

8. Any Student injuring the furniture or buildings will be required to repair the same at his own expense, and will, in addition, be subject to such other penalty as the Faculty may see fit to inflict.

9. All cases of discipline involving the interest of more than one Faculty, or of the University in general, shall be immediately reported to the Principal, or in his absence, to the Vice-Principal.

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### § IX. LIBRARY AND MUSEUM.

1. The books in the Library consist of two divisions :—1st, those which may be lent ; and, 2nd, those designated by the general term “ Books of Reference,” which may not, under any circumstances, be removed from the Library.

2. A Student may borrow books from the Library on depositing the sum of four dollars with the Librarian, and signing a receipt for the books ; such deposit to be returned to the Student on his returning the books uninjured.

[NOTE.—This rule applies also to Students in Law and Medicine who have paid the Library Fee to the Secretary. They are required to present their Matriculation Tickets to the Secretary and to the Librarian.]

3. Students may borrow not more than three volumes at one time, except on special recommendation of a Professor, and must return them within two weeks, on penalty of a fine of 20 cts. for the first week of detention, and 50 cts. for each subsequent week.

4. A Student incurring a fine will be debarred the use of the Library until the fine has been paid.

5. Any volume or volumes lost or damaged by a student shall be paid for by him, at such rates as the Faculty may direct, having reference to the value of the book and of the set to which it may belong.

6. Students may read in the Library at such hours as may be determined by the Faculty.

7. Professors and Lecturers may borrow any books required by them for their duties in the College, not exceeding ten volumes at any one time. Books so borrowed must be returned at or before the end of each Session.

8. Graduates in any of the Faculties, on making a deposit of four dollars, are entitled to the use of the Library, subject to the same rules and conditions as students, but they are not required to pay the Annual Library Fee.

9. Members of the McGill College Book Club are, by a regulation of Corporation, entitled to the use of the Library on the same conditions as Graduates.

10. Persons not connected with the College may consult books in the Library, on obtaining an order from any of the Governors, or from the Principal, the Dean of the Faculty, or any of the Professors ; and donors of books or money to the amount of Fifty Dollars may at any time consult books on application to the Librarian.

11. The Library will be open from 10 a.m. to 4 p.m., daily, except Saturdays. On Saturdays it will be open from 10 a.m. to 1 p.m.

12. No one is allowed to enter the alcoves or to take down books from the shelves, except the Governors, Members of Corporation, Professors, the Librarian and his assistants, or those whom any of the above may accompany personally.

13. A person desiring to read or to borrow a book, which he has ascertained from the Catalogue to be in the Library, will fill up one of the blank forms provided for Readers and Borrowers respectively, and hand it to the Librarian, who will thereupon procure him the book.

14. Readers must return the books they have obtained to the Librarian, before leaving the Library.

15. No conversation that can disturb Readers is permitted in the Library.

16. The time and conditions of study in the Museum will be arranged by the Professor of Natural History.

## § X. FEES.

<i>Matriculation Fee</i> for the First Year (to be paid in the Year of Entrance only), .....	\$4 00
<i>For the Second Year</i> (exigible from students who enter in the Second Year, and also from those who have failed in the First Year and re-enter in the Second Year on Examination), .....	6 00
<i>Sessional Fee</i> , .....	20 00
<i>Library Fee</i> , .....	4 00
<i>Gymnasium Fee</i> , .....	2 50

*Undergraduates and Students in Special Courses* are required to pay all the above Fees.

*Partial Students*, viz., those taking three or more Courses of Lectures are required to pay the Matriculation, Library and Gymnasium Fees, and \$5 for each Class which they attend, or \$20 for all the courses.

*Occasional Students* taking one course of Lectures only, are required to pay \$5 per Session for that course.

*Occasional Students* taking two courses of Lectures are required to pay the Library Fee and \$5 for each course.

The Matriculation, Library, and Gymnasium Fees are exigible from Students holding exemptions from Sessional Fees.

*Graduates in Arts* are allowed to attend without payment of fees, all lectures except those noted as requiring a special fee.

The fees must be paid to the Secretary and the tickets shown to the Vice-Dean within a fortnight after the commencement of attendance in each session. In case of default, the Student's name will be removed from the College books, and can be replaced thereon only by permission of the Faculty and on payment of a fine of \$2.

[All fines (see also 7, § VIII.) are applied to the purchase of books for the Library.]

<i>Fee for the Degree of B.A.</i> .....	\$5 00
“ “ “ <i>M.A.</i> .....	10 00

If the Degree of M.A. be granted, with permission to the Candidate, on special grounds, to be absent from Convocation, the fee is.....\$25.00

The B.A. fee must be paid before the Examination.

The M.A. fee must be sent to the Secretary of the University at the same time that the Candidate sends his Thesis to the Dean of the Faculty. This is a condition essential to the reception of his application.



## § XI. COURSES OF LECTURES.

## I. ORDINARY COURSE.

## 1. CLASSICAL LITERATURE AND HISTORY.

Professor, Rev. G. CORNISH, M.A., LL.D.

## GREEK.

*First Year.*—HOMER.—ODYSSEY, Book XI.  
 XENOPHON.—HELLENICS, Book II.  
*Greek Prose Composition.*

*Second Year.*—LYSIAS.—IN ERATOSTHENEM.  
 EURIPIDES.—MEDEA.

*Third Year.*—DEMOSTHENES.—THE OLYNTHIACS.  
 SOPHOCLES.—THE ELECTRA.

*Fourth Year.*—THUCYDIDES.—Book VII.

## LATIN.

*First Year.*—VIRGIL.—ÆNEID, BOOK VI.  
 CICERO.—EPISTOLAE SELECTAE.  
*Latin Prose Composition.*

*Second Year.*—HORACE.—EPISTLES, BOOK I.  
 PLINY.—EPISTOLAE SELECTAE.  
*Latin Prose Composition.*

*Third Year.*—JUVENAL.—SATIRES VIII. and X.  
 PLAUTUS.—AULULARIA.  
*Latin Prose Composition.*

*Fourth Year.*—TACITUS.—ANNALS, BOOK I.  
*Latin Prose Composition.*

In the work of the Class the attention of the Student is directed to the collateral subjects of History, Antiquities and Geography; also to the grammatical structure and affinities of the Greek and Latin Languages; and to Prosody and Accentuation.

## 2. ENGLISH LANGUAGE AND LITERATURE.

(MOLSON PROFESSORSHIP.)

Professor, VEN. ARCHDEACON LEACH, D.C.L., LL.D.

Associate-Professor, CHAS. E. MOYSE, B.A.

*First Year.*—English Language and Literature.—Text-books—Bain's English Grammar; Spalding's History of English Literature.

*Second Year.*—A detailed course on some period of English Literature.

*Third Year.*—Rhetoric.—Text-book—Whately's Rhetoric, I., II., III.

*Fourth Year.*—A course on the following special subjects:

Chaucer, The Prologue to the Canterbury Tales; Shakespeare, Hamlet.

## 3. HISTORY.

Professor, CHAS. E. MOYSE, B.A.

The Professor of History will deliver a course of lectures on some period of Modern History, of which due notice will be given.

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## 4. LOGIC, MENTAL AND MORAL PHILOSOPHY.

(JOHN FROTTHINGHAM PROFESSORSHIP OF MENTAL AND MORAL PHILOSOPHY.)

Professor, REV. J. CLARK MURRAY, LL.D.

*Second Year.*—ELEMENTARY PSYCHOLOGY.—Text-Book—Bain's Mental Science.  
LOGIC—Text-Book—Jevons' Elementary lessons in Logic.

*Third Year.*—MORAL PHILOSOPHY.—Text-Book—Calderwood's Handbook of Moral Philosophy.

*Fourth Year.*—MENTAL PHILOSOPHY.—Text-Book—Murray's Outline of Hamilton's Philosophy.

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## 5. FRENCH LANGUAGE AND LITERATURE.

Professor, P. J. DAREY, M.A., B.C.L.

*First Year.*—DE FIVAS, Grammaire des Grammaires.  
LA FONTAINE, les Fables, livres III et IV.  
MOLIERE, le Bourgeois gentilhomme.  
Dictation. Colloquial exercises.

*Second Year.*—DE FIVAS, Grammaire des Grammaires.  
MOLIERE, l'Avare.—RACINE, Britannicus.  
Translation into French :—DR. JOHNSON, Rasselas.  
Les Ecrivains célèbres de la France :—Bonnefon.  
Dictation. Parsing. Colloquial exercises.

*Third Year.*—POITEVIN, Grammaire élémentaire.  
PONSARD, l'Honneur et l'Argent.  
CORNEILLE, le Cid.  
Translation into French :—GOLDSMITH, Vicar of Wakefield.  
French Composition. Dictation.  
Les Ecrivains modernes de la France :—Bonnefon.

*Fourth Year.*—BARRIERE et CAPENDU, les Faux bons hommes.  
EMILE SOUVESTRE, Un Philosophe sous les toits.  
Lectures on French Literature.  
Translation into French :—Shakspeare, "As you like it."  
French Composition. Dictation.

*The Lectures in the Third and Fourth Years are given in French.*

## 6. GERMAN LANGUAGE AND LITERATURE.

Professor, C. F. A. MARKGRAF, M.A.

*First Year.*—This Course comprises Grammar, Reading and Translations oral and written. Text-Books :—Schmidt's German Guide (1st and part of 2nd Course) ; Adler's Progressive German Reader (Selections from Sections 1, 2 and 3).

*Second and Third Years.*—Text-Books :—Schmidt's German Guide (2nd and 3rd Course) ; Otto's Conversation Grammar (excerpts) ; Adler's Reader (Selections from Sections 4 and 5).—German Plays (the authors to be made known at the commencement of the Session) ; History of German Literature from the earliest periods to the close of the 18th century (A Brief Survey, by C.F.A.M.) —Exercises in Parsing ; Translations from English writers ; German Composition (in the Third Year).

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## 7. HEBREW AND ORIENTAL LITERATURE.

Professor, REV. A. DE SOLA, LL.D.

*Elementary Course.*—(For Students of the First and Second Years.)—Grammar ; —Text-Book, Gesenius' Hebrew Grammar, with exercises in orthography and etymology ; Reading ; Translation and Grammatical Analysis of Historical portions of the Scriptures—Syntax—Mishlé Shualim—Fables, &c.

*Advanced Course.*—(For Students of the Second, Third and Fourth Years.)—Introduction to the study of Hebrew Poetry—its spirit and characteristics. Lowth and Sarchi as Text-Books. Translation from the Psalms, Lamentations and Isaiah. Ancient compared with Modern Hebrew Poetry ; the productions of Halevi, Gabirol, &c., Grammar, Exercises, &c., continued.

*The Chaldee Language:*—Grammar, *Mebo Halashon Aramith* of J. Jeitteles. The Chaldee portions of Scripture. Targum of Onkelos and T. Yerushalmi.

*The Syriac Language:*—Grammar (Uhlemann's) and Translation.

The course comprises Lectures on the above Languages and their Literature in particular, with a general notice of the other Oriental Languages, their genius and peculiarities. Comparative Philology, affinity of roots, &c., also receive due attention, while the portions selected for translation will be illustrated and explained by reference to Oriental manners, customs, history, &c.

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## 8. SPANISH LANGUAGE AND LITERATURE.

Rev. Professor DE SOLA.

(Extra Fee for this Class, \$5.00.)

The study of the Spanish Language on this continent, being generally pursued with special reference to commercial purposes, it will be sought to

impart in this course a practical knowledge of the Castilian—the richest and most harmonious of the Peninsular languages—as well as an acquaintance with its Literature.

Ollendorf's Spanish Grammar by Velazquez and Simmoné, and the Reader of Velazquez, are the Text-Books employed in the Junior Class, who will also be exercised in Composition by both written and oral exercises. In the Senior Class, Fernandes' Exercises, continuation of Grammar and Composition, Cervantes' Don Quixote, Quintana, Vida del Cid, and Mariana's Historia will be the subjects of study. Besides a special comparison with the Portuguese Language, a general notice, literary and historical, of the Bascuence and other dialects will be given.

## 9. MATHEMATICS AND NATURAL PHILOSOPHY.

(PETER REDPATH PROFESSORSHIP OF NATURAL PHILOSOPHY.)

Professor, ALEXANDER JOHNSON, M.A., LL.D.

(In the work of the First and Second Years, assistance will be given by G.H. Chandler, B.A., Lecturer in Mathematics in the Faculty of Applied Science.)

MATHEMATICS.—(*First Year*)—Arithmetic.—Euclid, Books 1, 2, 3, 4, 6, with Definitions of Book 5 (omitting propositions 27, 28, 29, of Book 6), Todhunter's Edition.—Todhunter's Algebra for Beginners, to end of Quadratic Equations with one unknown quantity.—Galbraith and Haughton's Plane Trigonometry to beginning of solution of Plane Triangles.

MATHEMATICS.—(*Second Year*)—Arithmetic, Euclid, Algebra, and Trigonometry as before.—Nature and use of Logarithms.—Remainder of Galbraith and Haughton's Plane Trigonometry.—Elements of Solid Geometry, including the mensuration of Surfaces and Solids. Geometrical Conic Sections :—the Parabola with the fundamental properties of the Ellipse and Hyperbola. Text-book :—Wilson's Solid Geometry and Conic Sections, pp. 1-60 and 93-118.

The course for the Intermediate University Examination consists of the Mathematics for the first two years except Conic Sections and Solid Geometry.

MATHEMATICAL PHYSICS.—(*Third Year*)—Galbraith and Haughton's Mechanics (omitting chap 5 of Statics), Hydrostatics, Optics.

ASTRONOMY.—(*Fourth Year*)—Galbraith and Haughton's Astronomy—The lectures on this subject will be given before Christmas.

EXPERIMENTAL PHYSICS.—(*Third and Fourth Years*).—1.—*Light*.—Theories.—Reflection.—Refraction.—Dispersion.—Interference and Diffraction.—Double Refraction.—Polarisation. 2.—*Heat*.—Dilatation of Solids, Liquids and Gases.—Specific and Latent Heat.—Radiation and Conduction.—Mechanical Theory of Heat. 3.—*Electricity*.—Statical and Dynamical :—including Electro-Magnetism—Magneto-Electricity—Thermo-Electricity—Diamagnetism—Electric Measurements—Practical Application to Telegraph, &c. 4.—*Magnetism*.

5.—*Sound*.—Theory of Undulations.—Production and Propagation of Sound.—Vibrations of Strings, Rods, and Plates.—Vibrations of Fluids.—Musical Sounds. Text-Books :—Ganot's Treatise translated by Atkinson, and Tyndall on Heat and Sound. This Course extends over two years.

The Subjects for the Session 1880-81 are Electricity, Magnetism, and Sound.

The Lectures in Mathematical and Experimental Physics will be illustrated by Apparatus, of which the College has a very good collection.

## 10. GEOLOGY AND NATURAL HISTORY.

(LOGAN PROFESSORSHIP OF GEOLOGY.)

Professor, J. W. DAWSON, LL.D., F.R.S., F.G.S.

B. J. HARRINGTON, B.A., Ph. D., Assistant Professor of Geology.

### I. BIOLOGICAL COURSE.

BOTANY.—(*Second Year*.)—Vegetable Histology and Organography. Nutrition and Reproduction of Plants. Classification. Descriptive Botany. Flora of Canada. Palæobotany and Geographical Botany.

*Text-Book*.—Gray's Structural and Systematic Botany.

[A prize of \$20 will be given by the Professor for the best collection of plants and the greatest proficiency in their determination. The prize collections or duplicates of them to remain in the College Museum. Candidates must be students in Botany of the previous session.]

ZOOLOGY AND PALÆONTOLOGY. (*Third Year*)—Elements of Animal Physiology. Classification of Animals. Characters of the Classes and Orders of Animals, with Recent and Fossil Examples.

*Text-book*.—Dawson's Hand-book of Zoology, with books of reference.

### II. GEOLOGICAL COURSE.

MINERALOGY AND GEOLOGY. *Fourth Year*.

(1) *Mineralogy*.—Chemical and Physical characters of Minerals, including Crystallography, the methods of determining species, and Descriptive Mineralogy ; with special reference to those species most important in Geology, or useful in the Arts.

(2) *Lithology and Stratigraphy*.—Composition of Rocks and their structure on the small scale ; Classification of Rocks. Arrangement of Rocks on the large scale ; Stratification, Elevation and Disturbances, Denudation.

(3) *Chronological Geology and Palæontology*.—Data for determining the relative ages of Formations. Classification according to age. Fauna and Flora of the successive periods. Geology of British America.

*Text-books*.—Dana's Manuals of Mineralogy and Geology, with Lyell's Student's Elements.

The Lectures in Natural History will be accompanied with demonstrations in the Museum. Students in Natural History are also entitled to tickets of admission to the Museum of the Natural History Society of Montreal.



## II. CHEMISTRY.

Lecturer, B. J. HARRINGTON, B.A., Ph. D.

*First Year.*—A Course of Lectures preparatory to the Course in Natural Science. The Lectures are illustrated by experiments, and treat of the elementary constitution of matter, the laws of Chemical Combination by weight and volume, the Atomic Theory, Chemical Formulæ and Equations, Chemical affinity, characteristics of Acids, Bases and Salts, Compound Radicals, the preparation and properties of the non-metallic and metallic elements and many of their compounds, &c. A few Lectures are also devoted to the consideration of some of the more important Organic Substances, including Starch, Sugar, Albumen, Alcohol, the Vegetable Acids, &c. During the Course attention is called, as far as possible, to the relations of Chemistry to the various manufacturing industries. The laboratory is supplied with the usual apparatus, including a balance by Becker & Sons, spectroscope by Duboscq, Oxy-hydrogen lamp and blowpipe, large gas-holders, &c.

*Text-book.*—Wilson's Inorganic Chemistry. In connection with the Lectures on Organic substances students may consult Roscoe's Elementary Chemistry or Fowne's Chemistry.

## 12. METEOROLOGY.

Superintendent of Observatory, C. H. MCLEOD, Ma.E.

Instruction in Meteorological Observations will be given in the Observatory, at hours to suit the convenience of the senior students.

Certificates will be granted to those students who pass a satisfactory examination on the construction and use of Meteorological Instruments and on the general facts of Meteorology.

## 13. ELOCUTION.

MR. JOHN ANDREW, Instructor.

Students are recommended by the Faculty to avail themselves of the Instructions of Mr. Andrew, who will make arrangements for evening classes to meet during the Session.

## II. HONOUR COURSES.

### I. CLASSICS.

B.A. HONOURS, BEING THE HONOUR COURSE FOR STUDENTS OF THE THIRD AND FOURTH YEARS.

Candidates for B.A. Honours in Classics will be examined in the following subjects :—

#### I. GREEK.

Plato.—Republic, Books I. and II.  
 Aristotle.—The Poetics.  
 Herodotus.—Books VIII. and IX.  
 Thucydides.—Books VI. and VII.  
 Xenophon.—Hellenics, Books I. and II.  
 Homer.—Odyssey, Books I., II. and III.  
 Hesiod.—Works and Days.  
 Æschylus.—Prometheus Vincetus.  
 “ Seven against Thebes.  
 Sophocles.—Antigone.  
 Euripides.—Hippolytus.  
 Aristophanes.—The Frogs.  
 Pindar.—Olympic Odes.  
 Theocritus.—Idylls I. to VI.  
 Demosthenes.—De Corona.  
 Æschines.—Contra Ctesiphontem.

#### II. LATIN.

Livy.—Books XXI., XXII. and XXIII.  
 Tacitus.—Annals, Books I. and II.  
 “ Histories, Book I.  
 Virgil.—Æneid, Books I. to IV.  
 Plautus.—Aulularia.  
 Terence.—Adelphi  
 Horace.—Satires, Book I.  
 Juvenal.—Satt. VIII. and X.  
 Persius.—Satt. V. and VI.  
 Cicero.—De Imperio Cn. Pompeii.  
 “ De Officiis.

#### III. HISTORY OF GREECE AND ROME.

*Text-books :—*

1. Grote's History of Greece.
2. Arnold's History of Rome.
3. Mommsen's History of Rome.
4. Cruttwell's History of Roman Literature.
5. Cruttwell and Banton's Specimens of Roman Literature.
6. Donaldson's Theatre of the Greeks.

#### IV. COMPOSITION.

1. Composition in Greek and Latin Prose.
2. General paper on Grammar, History and Antiquities.

The Examination for B.A. Honours will extend over four days, in the morning from 9 to 12, and the afternoon from 2 to 5.

## 2. LOGIC, MORAL PHILOSOPHY, AND MENTAL PHILOSOPHY.

The Honour Course in this department extends over the Third and Fourth Years. The Lectures of the Third Year review the Ancient Greek Philosophy, while those of the Fourth Year discuss the chief modern systems in connection with the existing tendencies of speculation.

In the Third Year, the Examination will be on the following works, in addition to the Lectures of that year :—

Schwegler's History of Philosophy, Chapters 1-21, inclusive.

Thomson's Outline of the Laws of Thought, Parts I., II., and III.

For B.A. Honours, the following works will form the subjects of Examinations, besides the Lectures of the Third and Fourth Years :—

Schwegler's History of Philosophy.

Thomson's Outline of the Laws of Thought, Parts I., II., and III.

Mill's Logic.

Kant's Critique of the Pure Reason.

Kant's Theory of Ethics (translated by T. K. Abbott).

Plato's Republic.

## 3. ENGLISH LANGUAGE, LITERATURE AND HISTORY.

The examination for Honours in the Third Year will be on the works in the following course :

*Language*.—Anglo-Saxon.—The lectures of the Third Year.

Early English.—Specimens of Early English (Clarendon Press Series, ed. Morris and Skeat), Part II., extt. I-IX., inclusive.

*Literature*.—Chaucer.—The Prologue to the Canterbury Tales, The Knightes Tale, The Nonne Prestes Tale (Clarendon Press Series, ed. Morris).

Spenser.—The Faerie Queene, Book I.

Milton.—Shorter English Poems ; Areopagitica (ed. Arber).

Dryden.—Annus Mirabilis ; Hind and Panther ; Absalom and Achitophel.

Wordsworth.—Prelude (Moxon's edition).

*History*.—The lectures of the Ordinary course.

Hallam.—Middle Ages, caps. 1, 3, 5, 8, 9.

Macaulay.—Vol. I. cap. 1.

*Lectures on the Honour Subjects of the Third Year.*

*Language*.—Anglo-Saxon.—The essentials of the Anglo-Saxon Language and Literature. Text-book—Sweet's Anglo-Saxon Reader (Clarendon Press Series).

*Literature*.—A course on some of the special Honour subjects.

*History*.—Honour students are required to attend the Ordinary course of lectures on History.

## B.A. HONOUR COURSE.

For B.A. Honours, the examination will be on the Literature of the Third Year Honour course and on the following subjects :

*Language*.—Anglo-Saxon—The lectures of the Fourth Year.

Early English—Specimens of Early English (Clarendon Press Series, ed. Morris and Skeat), Part II., extt. X-XX., inclusive.

*Literature*.—Shakespeare—*Love's Labour's Lost*, *A Midsummer Night's Dream*, *Hamlet*, *The Tempest*.

Ben Jonson—*Every Man out of his Humour*.

Sir Thomas More—*Utopia* (ed. Arber).

Pope—*Essay on Criticism*.

Cowper—*The Task*, Book II.

Keats—*Hyperion*.

Shelley—*Cenci*.

Tennyson—*Idylls of the King*.

Hallam—*Literary History of Europe*—the parts relating to English Literature.

Matthew Arnold—*Essays in Criticism* (the first two).

*History*.—The lectures of the Fourth Year.

Hallam—*Constitutional History*, caps. 1, 5 to 14 inclusive.

Macaulay—Vol. I., caps. 2 and 3.

*Lectures on the Honour Subjects of the Fourth Year.*

*Language*.—Anglo-Saxon—Sweet's Anglo-Saxon Reader and a portion of one of the longer Anglo-Saxon poems.

*Literature*.—A course on these special Honour subjects, viz :—the four prescribed plays of Shakespeare and Modern Poetry, with especial reference to Tennyson's *Idylls of the King*.

*History*.—Honour Students are required to attend the Ordinary Course of Lectures on History.

## 4. MATHEMATICS AND PHYSICS.

MATHEMATICS.—(*First Year*).—McDowell's Exercises on Modern Geometry, &c.—Wood's Algebra—Todhunter's Theory of Equations.

MATHEMATICS.—(*Second Year*).—Hind's Plane and Spherical Trigonometry.—Salmon's Conic Sections, chapters 1 to 7 and 9 to 13 inclusive.—Williamson's Differential and Integral Calculus (selected course).

MATHEMATICAL PHYSICS.—(*Third Year*).—Minchin's Statics, (omitting Chapter 14)—Tait & Steele, Dynamics of a Particle.—Besant's Hydromechanics, Chaps. 1, 3, 3, 5.—Walton's Mechanical and Hydrostatical Problems.—Parkinson's Optics.—Main's Practical and Spherical Astronomy (selected course).

## B.A. HONOUR COURSE

PURE MATHEMATICS.—Hind's Plane and Spherical Trigonometry.—Todhunter's Theory of Equations.—Williamson's Differential and Integral Calculus.—Boole's Differential Equations (selected course).—Salmon's Conic Sections.—Salmon's Geometry of three Dimensions (selected course).

MECHANICS.—Minchin's Statics.—Tait & Steele, Dynamics of a Particle.—Routh's Dynamics of a Rigid Body.—Besant's Hydromechanics.—Walton's Mechanical Examples.—Walton's Examples in Hydrostatics.

ASTRONOMY.—Main's Astronomy.—Sir John Herschel's Outlines of Astronomy (Part II. The Lunar and Planetary Perturbations.)—Godfray's Lunar Theory, or Cheyne's Planetary Theory.

Newton's Principia, Lib. I., Sects. 1, 2, 3, 9, and 11.

LIGHT.—Lloyd's Wave Theory of Light

HEAT, ELECTRICITY, MAGNETISM, ACOUSTICS,	}	As in ordinary course.
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The examinations for B.A. Honours will continue *four* days.

The examination for Honours in the other years will continue *two* days.  
Engineering students may be candidates for Honours.

## 5. NATURAL HISTORY AND GEOLOGY.

*Third Year.*—Mineralogy and the use of the Blowpipe. Lithology. Elementary course of Chronological Geology. Text-Books:—Dana's Mineralogy and Synopsis by the Professor.

*Fourth Year.*—The Lectures will include :

1. An advanced course in Lithology, General Geology and Palæontology, in connection with which the students will be required to read Dana's Geology and Lyell's Student's Elements.

2. Canadian Geology, in connection with which the students will read Reports of the Geological Survey of Canada, and Dawson's Acadian Geology.

3. Practical Exercises and instruction in the methods of Observation and of conducting Geological Explorations, and in the study of Palæontology. Text-books:—Von Cotta on Ore Deposits, Nicholson's Palæontology. Excursions for Field-work when practicable.

In addition to the above, the student is required to pass an examination in any one of the following subjects :

1. Canadian Botany, as in Gray's "Text-Book," and "Manual," and specimens illustrative of these books from the Museum.

2. Zoology and Palæontology of Canada, as in Dawson's Hand-book, and Billings' Palæozoic Fossils, with specimens from the Museum.

3. Mineralogy as in Dana, with specimens from the Museum.

Candidates for Honours will be expected to attain to such proficiency as to be able to undertake original investigations in some at least of the subjects of study. Students in the Faculty of Applied Science may be Candidates for Honours.



## 6. MODERN LANGUAGES WITH HISTORY.

See LORNE MEDAL Course.

## § XII. APPARATUS AND MUSEUM.

## PHILOSOPHICAL APPARATUS.

**LIGHT.**—Besides a Foucault's Regulator for the Electric Light, an Oxyhydrogen Lamp, a Porte-lumière for Solar Light, and the usual instruments for the complete illustration of the phenomena of Reflection, Refraction, Dispersion, Achromatism, Vision, &c., the collection contains the means of illustrating Spectrum Analysis by projection on the screen; a Spectroscope, Duboscq's Projection apparatus for Double Refraction and Polarization, with a large collection of crystals; two Norremberg's Polariscopes, and apparatus for Interference. It has also Duboscq's Diffraction Bench and Apparatus, including the means of measuring the length of a wave of light by Babinet's method, Fresnel's Mirrors for Interference, a Biprism, &c. By means of this last collection photographs of diffraction phenomena have been taken in the College, which are projected on the screen for class illustrations.

**ELECTRICITY.**—For Electrical experiments there is a large plate-machine with the usual concomitants of Leyden jars, &c.; also a Holtz machine; a large Induction coil by Ruhmkorff with Foucault's contact-breaker, giving an eight inch spark; an Electro magnet of the largest size, with arrangements for experiments in Diamagnetism, and for the "Magnetization of light;" a Gaugain's Tangent Galvanometer with two circles, by Elliott Brothers, of London; a Thomson's Astatic Reflecting Galvanometer of high resistance with set of shunts, &c., by the same makers; other galvanometers; Wheatstone's Bridge and Wheatstone's Rheostat, &c., for Electrical measurements; Delezenne's circle to show induction by the earth's magnetism; Geissler's tubes, &c.

**HEAT.**—In the collection for Heat there are large silver-plated Reflectors, &c., apparatus to show formation of vapors in a vacuum and maximum tension; Thermopiles, with condensers; two different arrangements for exhibiting the phenomena of Calorescence, &c.

**SOUND.**—The collection for Sound, containing Organ-pipes and Bellows Tuning forks, Sonometer, Siren, Vibrating-plates, apparatus for singing-flames, &c., is almost wholly from Koenig, of Paris. The most recent additions include:—The double Siren of Helmholtz, Lissajou's apparatus, Resonators, with arrangements for manometric flames; Quincke's apparatus for Interference, &c., Meldes' apparatus for the study of vibrating strings; Tisley's compound Pendulum apparatus and Edison's Phonograph.

**MECHANICS AND HYDROSTATICS.**—A good collection.

## THE MUSEUM OF GEOLOGY AND NATURAL HISTORY.

The collections in Mineralogy and Geology, and part of those in Zoology, are arranged in the Central Hall of the Museum and the gallery surrounding it. The

Carpenter collection of Shells occupies a separate fire-proof room. The Botanical Collections occupy the west corridor, and the east corridor is used as a store-room and work-room. All the specimens are, as far as limited space will permit, so arranged and labelled as to be accessible and instructive to Students.

1. MINERALOGY.—The basis of this department is the collection of about 2000 Canadian and Foreign Minerals acquired from the late Dr. Holmes in 1857. Subsequent additions have largely increased this collection, which is now arranged in table cases with drawers beneath, the former containing a complete series of the more important minerals and a suite of crystallographic specimens for the use of students. In the wall-cases at one side of the hall are separate collections of economic minerals, and illustrations of concretionary and stalactitic structures, metamorphism, mineral veins, &c.

2. GEOLOGY AND PALÆONTOLOGY.—The collections consist of large series of Fossils representing the successive formations. A typical series for the use of students is arranged in chronological order in table cases around three sides of the hall, with special and local collections in the drawers below. On the walls and in the centre of the hall are large specimens, casts, &c. Among the more important special collections are those representing *Eozoön Canadense*, Devonian Plants and Post-pliocene Fossils, and the skeletons of English Mesozoic Reptiles presented by Mr. Claxton of Montreal. There are also a number of casts of large Fossils from the Ward collection and from the British Museum. A typical collection of rocks is arranged in two table cases.

3. ZOOLOGY.—In this department the Carpenter collection of Shells, presented by the late Dr. P. P. Carpenter, is a principal feature. The specimens are beautifully mounted on glass tablets, and arranged in six large table-cases and seven upright cases, and in drawers beneath the former. The collections of Radiates, Articulates and Vertebrates are temporarily placed in wall cases on one side of the hall and in the gallery above.

4. BOTANY.—The principal part of this collection is the Holmes Herbarium of Canadian and Foreign Plants, including the Grasses and Carices, which have been revised and named by Col. Munro. There is also a collection of specimens of Canadian woods, presented by the late Dr. Barnston, and by D. Davidson, Esq. a collection of Australian woods, presented by Sir Wm. Dennison; collections of Foreign Ferns and British Plants, presented by G. Barnston, Esq., and collections of Mosses, Lichens, Fungi, and Algæ.

5. ETHNOLOGY.—In this department there are Indian Relics from the site of Hochelaga; the collection of the late Dr. Van Cortland of Ottawa, purchased from his heirs; and a small series of American Skulls.

[Donations to the Museum are solicited; more especially of Canadian specimens of Fossils, Animals and Economic Mineralogy.]

# Lectures in the Undergraduate Course in the Faculty of Arts.

SESSION OF 1880-81.

## FIRST YEAR.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
9	Classics.	* French.	* French.	* French.	Mathematics.
10	Mathematics.	Classics.	Classics.	Classics.	Classics.
11	English.	+ Mathematics. (c)	English.	+ Mathematics. (c)	English.
12	Elementary Chemistry.	* German; * Hebrew.	Mathematics.	* German; * Hebrew.	Elementary Chemistry.

## SECOND YEAR.

9	* French.	* German. (d)	* German.	English. (b)	* French. * German. (d)
10	Classics.	Botany.	Logic.	Botany.	* German. + Mathematics.
11	Logic.	Classics.	+ Mathematics.	Classics.	Logic.
12	+ Mathematics.	Mathematics.	* French.	Mathematics.	
1	* German.				

## THIRD YEAR.

9	History.	Classics.	+ Anglo-Saxon.	Classics.	+ Classics; + English; + Geol.
10	German (b); + Math. Physics;	French. (c); + Men. Phil.	Mathematical Physics.	French. (b)	Moral Philosophy.
11	+ Mental Philosophy.		Moral Philosophy.		Mathematical Physics.
12	Math. Physics.	Zoology.	Rhetoric	Zoology.	+ Mathematical Physics.
1	Moral Philosophy	\$ Experimental Physics.		\$ Experimental Physics.	* German. (c)
		Hebrew. (b)		Hebrew. (c)	

## FOURTH YEAR.

9	+ Geology.	Astronomy (a); German (b).	+ Classics (Geology.	Astronomy. (a); German (b).	+ Geology; + Classics.
10	Geology.	+ Lt. Phys; French (c); + Lt. Phil.	English Literature.	+ Math. Phys; + Mental Phil.	Geology.
11	Classics.	Mental Philosophy.	Classics.	Mental Philosophy.	+ Anglo-Saxon
12	+ English.	\$ Experimental Physics.			and Early English.
1			+ Geology; + Math. Phys.	\$ Experimental Physics.	German. (b)
			Hebrew. (c)		

(a) During First Term. (b) Optional. (c) Except from Nov. 1st to Christmas. (d) For beginners entering 2nd Year. + For Candidates for Honours.  
 \* The student may take at his option French or German in the first two years, or, if a Theological Student, Hebrew. § From November 1st.  
 Library open every day except Saturday, 10 to 4; Saturday, 10 to 1. The Museum will be open as arranged by the Professor of Natural History.



# Faculty of Applied Science.

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THE PRINCIPAL (*ex-officio*).

Professors:—GIRDWOOD.

HARRINGTON.

BOVEY.

Lecturers :—MCLEOD.

CHANDLER.

Associate Professors :—LEACH.

DAWSON.

MARKGRAF.

JOHNSON.

DAREY.

MOYSE.

Dean of the Faculty :—HENRY T. BOVEY, M.A., C.E.

Librarian :—C. F. A. MARKGRAF, M.A.

The Courses of study in this Department are designed to afford a complete preliminary training of a Technical as well as a Theoretical nature, to such Students as are preparing to enter any of the various branches of the Professions of Engineering and Surveying, or are destined to be engaged in Assaying, Practical Chemistry, and the higher forms of Manufacturing Art.

Four distinct Courses of study are provided, each of which extends over four, or, under certain conditions, three years, and is specially adapted to the prospective pursuits of the Student :

- (1) Civil Engineering.
- (2) Mechanical Engineering.
- (3) Mining Engineering.
- (4) Practical Chemistry.

The Degrees conferred by the University upon such Undergraduates of this Department as shall fulfil the conditions and pass the Examination hereinafter stated, will be, in the first instance, "Bachelor of Applied Science," mention being made in the Diploma of the particular course of study pursued ; and, subsequently, the degree of "Master of Engineering" on those who have pursued Courses 1, 2, or 3, and of "Master of Applied Science" on those who have pursued Course 4.



*Examinations for Provincial Land Surveyors*.—Any Graduate in the Faculty of Applied Science in the Course of Civil Engineering and Land Surveying may have his term of apprenticeship shortened to one year for the professions of Land Surveyor in Quebec or Ontario, or of Dominion Land Surveyor. He must, however, pass the preliminary and final examinations before one of the Boards of Examiners. The former examination should be passed before entrance into the Faculty, or during the First Second Year of attendance.

### § I. MATRICULATION AND ADMISSION.

1. Candidates for Matriculation must present themselves for examination on the 15th of September, 1880. They may, however, be admitted at a later period of the Session, upon special application, if qualified to take their places in the classes in progress.

FOR ENTRANCE INTO THE FIRST YEAR the subjects for examination will be :

*Mathematics*.—Arithmetic ; Algebra, to end of Simple Equations ; Euclid's Elements, Books I., II., III.

*English*.—Grammar (including Analysis), Composition and the leading facts of the History of England.

Candidates in the School Examinations of the University, who have passed in Geometry, Algebra and English, may be received as matriculated Students in the First Year.

2. *The full course will extend over a period of FOUR years, but Candidates may enter the SECOND year, and thus reduce the course to THREE years, if competent to pass a satisfactory examination in the following subjects :*

*Arithmetic*.

*Algebra*.—To the end of Quadratics.

*Euclid*.—Books I., II., III., IV., VI., and XI., and the definitions of Book V.

*Plane Trigonometry*,—including solution of Triangles.

*Chemistry*.—Inorganic, as in Wilson's Elements.

*English*.—Grammar (including Analysis), Composition and the leading facts of the History of England.

*French or German*.—(French as in De Fivas' Grammaire des Grammaires as far as Syntax, and easy translation. German as in Schmidt's German Guide, Part I., and easy translation

Candidates unable to pass in Chemistry, French, or German, may be allowed by the Faculty to enter and to take the First Year lectures on Chemistry and German.

## § II. MEDAL, EXHIBITIONS AND PRIZES.

1. THE LORNE SILVER MEDAL (the gift of His Excellency The Right Honourable the Marquis of Lorne).

The Lorne Medal is open for competition to *fourth* year Students of the three courses of Civil, Mechanical and Mining Engineering. Candidates must take a first-class general standing in their respective courses, and the Medal will be awarded to the Student who stands *first* in a competitive examination in the following subjects:

(a). Hydraulics. (b). Steam and Steam Engine. (c). Materials. (d). Mathematical Physics.

2. THE SCOTT EXHIBITION (founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott).

An Exhibition of \$66 on this endowment will be offered for competition at the opening of Session 1880-81 to Students entering the Fourth Year, and will be awarded to the Student who distinguishes himself the most in:—

(a). The Summer Report. (b). Macaulay's History of England, vol. I., cap. I.; Milton's "Areopagitica;" Sir Walter Scott's "Lady of the Lake." (c). Applied Mechanics.

1872,	Donald A. Stewart.	1877,	J. Swan.
1875,	W. J. Sproule.	1878,	J. S. O'Dwyer.
1876,	W. J. Sproule.	1879,	J. S. O'Dwyer.*

\* W. T. Skaife, proxime accessit, Special Scott Prize.

3. An Exhibition of \$50, presented by the Professor of Civil Engineering, will be offered for competition at the opening of the Session of 1880-81 to Students entering the Third Year, and will be awarded to the Student who distinguishes himself the most in:—

(a). The Summer Report. (b). Mechanism. (c). Mathematics. (d). Elasticity as relating to the strength of materials.

4. A prize of \$20 will be offered for competition at the opening of the Session of 1880-81 to Students entering the Second Year, and will be awarded to the Student who distinguishes himself the most in:—

(a). The Summer Report. (b). A paper on the Mathematics of the First Year.

5. Prizes may be awarded to such Matriculated Students as shall have done satisfactory work during the Session, and have taken the first or second place in the aggregate standing in the Sessional Examinations.

### § III. COURSE OF STUDY FOR THE SESSION 1880-81.

#### FIRST YEAR.

CIVIL ENGINEERING.	MECHANICAL ENGINEERING	MINING ENGINEERING.	PRACTICAL CHEMISTRY.
Arithmetic. Euclid.	Arithmetic. Euclid.	Arithmetic. Euclid.	Arithmetic. Euclid.
Algebra. Trigonometry.	Algebra. Trigonometry.	Algebra. Trigonometry.	Algebra. Trigonometry.
Geometrical Conics.	Geometrical Conics.	Geometrical Conics.	Geometrical Conics.
Solid Geometry.	Solid Geometry.	Solid Geometry.	Solid Geometry.
Descriptive Geometry. (Optional.)	Descriptive Geometry. (Optional.)	Descriptive Geometry. (Optional.)	Descriptive Geometry. (Optional.)
Freehand Drawing.	Freehand Drawing.	Freehand Drawing.	Freehand Drawing.
Chemistry.	Chemistry.	Chemistry.	Chemistry.
English.	English.	English.	English.
French or German.	French or German.	French or German.	French or German.

#### SECOND YEAR.

Mechanism.	Mechanism.	Practical Chemistry.	Practical Chemistry.
Materials.	Materials.	Mechanism.	
Surveying.	Surveying.	Surveying.	Geometrical Drawing.
Descriptive Geometry.	Descriptive Geometry.	Descriptive Geometry.	
Algebra.	Algebra.	Algebra.	
Analytical Geometry.	Analytical Geometry.	Analytical Geometry.	
Calculus.	Calculus.	Calculus.	
Mathematical Physics.	Mathematical Physics.	Mathematical Physics.	Mathematical Physics.
Experimental Physics.	Experimental Physics.	Experimental Physics.	Experimental Physics.
Zoology.	Mechanical Work.	Zoology.	Botany.
English.	English.	English.	English.
French or German.	French or German.	French or German.	French or German.

#### THIRD YEAR.

Applied Mechanics.	Applied Mechanics.	Applied Mechanics.	Practical Chemistry.
Materials.	Materials.	Materials.	Assaying.
Surveying.	Machinery & Millwork	Mining.	Blowpipe Analysis.
Drawing.	Drawing.	Practical Chemistry.	Mineralogy.
Analytical Geometry	Analytical Geometry	Blowpipe Analysis.	
Calculus.	Calculus.	Drawing.	
Sphl. Trigonometry.		Analytical Geometry	
Practical Astronomy.		Calculus.	
Mathematical Physics.	Mathematical Physics.	Mathematical Physics.	Mathematical Physics.
Experimental Physics.	Experimental Physics.	Experimental Physics.	Experimental Physics.
Geology.	Mechanical Work.	Geology & Mineralogy.	Zoology.
French or German.	French or German.	French or German.	French or German.

#### FOURTH YEAR.

Applied Mechanics.	Applied Mechanics.	Assaying.	Practical Chemistry.
Structures in Stone.	Machinery & Millwork	Ore Drawing.	Metallurgy.
“ Timber.	Metallurgy of Iron.	Metallurgy.	Mineralogy.
“ Iron.		Geology (advanced).	Geology.
Hydraul. Engineering.	Hydraul. Engineering.	Hydraul. Engineering.	
Steam Engine.	Steam Engine.	Steam Engine.	
Materials.	Materials.	Materials.	
Designs.	Designs.	Designs.	
Estimates. Specificat.	Estimates. Specificat.	Estimates. Specificat.	
French or German.*	French or German.*	French or German.*	French or German.*

N.B. (1) Students in the 2nd, 3rd and 4th years will, in addition to the above, attend the series of lectures on some special departments of Engineering. The subject for next Session will be Railway work.

(2) During the summer recess, the Students in the 2nd, 3rd and 4th years are to employ themselves in some mechanical work or on some public work; and they are also to prepare a report on such work, to be handed in not later than September 30th.

(3) Students are not allowed to take subjects which do not form part of their course, without the sanction of the Faculty.

\* Modern languages not imperative in the fourth year.

The Third and Fourth Year courses in the different Branches are each divided into an ORDINARY and an ADVANCED Course.

Students taking the ORDINARY course are liable for an examination in the subjects already specified, but are exempted from the Calculus, and certain advanced parts of Analytical Geometry and Applied Mechanics.

Students taking the ADVANCED course are liable for an examination in the subjects already specified, and also in certain advanced portions of Mathematical Physics.

#### § IV. EXAMINATIONS.

##### I. FOR THE DEGREE OF BACHELOR OF APPLIED SCIENCE.

There will be a Christmas Examination for Students of the First Year in all the Subjects, and for Students of the following years in those Subjects which they take in the Faculty of Arts. A Sessional Examination will be held at the end of each year.

Candidates for the Degree of Bachelor of Applied Science are liable to be examined :

1. In all the subjects of the *fourth* year.
2. In the Materials and Applied Mechanics of previous years.
3. In the Pure Mathematics of previous years.
4. In a Problem Paper on the Technical subjects of the whole course.

The Problem Paper is not compulsory, but will serve to determine the relative standing of Students.

Practical Chemistry Students are exempted from Nos. 2 and 3 of the above, but are liable for a special Examination in Practical Chemistry, Experimental Physics, and Biology.

The General Classification for the Degree Examination will be under two heads, viz. :—

1. Those who have deserved Honourable Mention, in order of merit.
2. Those who have satisfied the Examiners, in order of merit.

The Degree Examinations in Mathematics and Materials are to be held at the Christmas preceding the Final.

Certificates of merit may be given to such Students as take the highest places in the Degree Examinations.

Special Certificates may be given for proficiency in particular subjects.

Certificates may be given to Students who have passed the Special Courses added to the curriculum.

Students who take their Degree in one of the Courses provided by the Faculty of Applied Science, may obtain credit in either of the remaining Courses by a Post-graduate Course, the necessary provision for which will be made.

## II. FOR THE DEGREE OF MASTER OF ENGINEERING.

Candidates must be Bachelors of Applied Science of at least three years' standing, and must produce satisfactory certificates of having been engaged during that time upon *bonâ fide* work in either the Civil, Mechanical, or Mining Branch of Engineering.

They must pass with credit an Examination, which will extend over the general Theory and Practice of Engineering, in which papers will be set having special reference to that particular branch upon which they have, during the three preceding years, been engaged.

The Examination will be held once in each year, in the second week of the month of December, and will be partly written and partly *vivâ voce*.

Notice of the intention of a Candidate to offer himself at any Examination for this degree must be sent in, together with the necessary certificates and fees, not less than two calendar months before each Examination is to be held.

## III. FOR THE DEGREE OF MASTER OF APPLIED SCIENCE.

Candidates must be Bachelors of Applied Science of at least three years' standing, must present certificates of having been employed during that time under competent guidance in some branch of scientific work, and must pass with credit an Examination in the Theory and Practice of those branches of scientific work in which they may have been engaged. The other conditions as under the last heading.

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## § V. SPECIAL PROVISIONS.

1. Occasional Students may be admitted to the Professional Classes upon payment of special fees (§ VII).



2. Undergraduates in Arts may, if allowed by the Faculty of Arts, be admitted to the Professional Classes in Practical Science on payment of the fees for these classes.

3. Students in Applied Science may, by permission of the Faculty, take the Honour Classes in the Faculty of Arts.

4. Students who have passed the Intermediate in Arts not lower than the Second Class in Mathematics, have the privilege of entering the Second Year in Applied Science, and will be exempted from the Mental and Moral Philosophy and the Greek of the Third and Fourth Years in Arts.

5. Undergraduates in Arts of the Second or Third Years, or Graduates of any University, entering the Faculty of Applied Science, may, at the discretion of the Professors, be exempted from such lectures in that Faculty as they may have previously attended as Students in Arts, but must pass all the examinations.

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## § VI. ATTENDANCE AND CONDUCT.

The regulations under this head are in all respects the same as those in force for Undergraduates in Arts. (See page 34.)

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## § VII. LIBRARY AND MUSEUM.

Students in this Department will have the same privileges with reference to the Library and Museum as Undergraduates in Arts.

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## § VIII. FEES.

*In the Course of Civil Engineering.*—\$45 ; Library, \$4. In all \$49 for each Session.

*In the Course of Mechanical Engineering.*—\$45 ; Library, \$4. In all \$49 for each Session.

*In the Course of Mining Engineering.*—1st Year, \$45 ; 2nd, 3rd and 4th Years, \$55 ; Library, \$4. In all \$49 to \$59 for each Session.

*In the Course of Chemistry.*—1st Year, \$45 ; 2nd, 3rd and 4th Years, \$55 ; Library, \$4. In all \$49 to \$59 for each Session.

*Matriculation Fee*, for the First Year, (to be paid in the year of entrance only \$4 ; for the Second Year, (exigible from Students who enter in the Second Year. and also from those who have failed in the First Year, and re-entered the Second Year on Examination) \$6.

*Fee for Degree of Bachelor of Applied Science.*—\$10.

*Fee for Degree of Master of Engineering or Master of Applied Science.*—\$25.

The fees must be paid to the Secretary and the tickets shown to the Dean within a fortnight after the commencement of attendance in each session. In case of default, the Student's name will be removed from the College books, and can be replaced thereon only by permission of the Faculty and on payment of a fine of \$2.

The B. App. Sc. fee must be paid before the Examination.

Laboratory Students are required to purchase their own chemicals, &c. The larger articles of apparatus will be supplied by the Laboratory, the Students paying \$6 per Session for their use, and being responsible for breakage.

Occasional Students may be admitted to the Professional Classes in any year, by payment of the ordinary fee for that year, and \$5 for entrance and use of the Library.

Partial students are required to pay the ordinary Library Fee, and in addition, fees to the amount of \$10 for each subject; in the case of Chemistry, however, the additional fee is to be \$20, or \$10 per term.

Students taking Blowpipe Analysis, when it does not form part of their course, are required to pay a fee of \$5.

Occasional Students may attend the course of Instruction in Meteorology on paying a fee of \$5.

## § IX. COURSES OF LECTURES.

### I. CIVIL ENGINEERING AND APPLIED MECHANICS.

Professor :—HENRY T. BOVEY, M.A., C.E.

#### *Civil Engineering.*

The course of instruction in Civil Engineering will include the following :—Mechanism, Earthwork, Masonry, Carpentry, Structures of Timber, Stone and Iron, the Construction of Common Roads, Rail Roads, Bridges, Viaducts, Tunnels, Canals, River, Harbour and Sea Works, Drainage Works, Lighthouses, Works connected with Irrigation and Water Supply, &c.

#### *Applied Mechanics.*

The subject of Applied Mechanics will be treated under two heads :—

(a). The Strength of Materials, embracing a study of Work, Inertia, Energy and Entropy, the Strength, Stiffness and Resilience of Materials, Beams or Girders, Pillars, Shafts, Structures (*simple and complex*), Earthwork, Retaining Walls and Arches.

(b). Hydraulics, comprising the Theory of Hydrostatics and Hydrodynamics, the Flow of Liquids through Orifices, Pipes and Canals, the Action of a Stream on inclined or curved Vanes (*Fixed or Revolving*), Hydraulic Machines (*Pressure Engines, Vertical Water Wheels, Turbines, Centrifugal Pumps*), Pneumatics.

*Steam and the Steam Engine.*

The course of instruction in this Department will embrace :—The General Description of the Steam Engine, the Theory of Heat, the Application of Heat to Thermal Machines, the Production of Heat and Steam, and also :—

(a). The movement and distribution of Steam, including the action of Steam in a Cylinder, the methods and regulation of the distribution of Steam, Systems of Cut-off, the general disposition of Cylinders, Condensers. &c.

(b). The modes of transmission and a consideration of certain special machines.

(c). The construction of an Engine, under which head will be considered Rivets, Bolts, Screws, Sockets, Keys, Cylinders, Pistons, Organs of Distribution (*Slide, Throttle, Clack, and other Valves*), Organs of Transmission (*Connecting Rods, Beam, Plumber-blocks, Journals, Cranks, Shafting, Eccentrics*).

(d). The construction of Special Machines (*Locomotive*).

*Designs, Estimates, &c.*

Engineering Students will also prepare designs, specifications, and estimates or such works as are usually undertaken by the Engineer.

Each Student works independently, under the personal supervision of the Professor of Engineering, and makes such drawings and calculations as would be needed were the structure designed to be actually carried out.

Instruction will be given in :—

(a). The drawing of parts of machines from given dimensions.

(b). The use of geometrical drawing in arranging and designing the parts of machines, and the methods of working out various mechanical problems graphically.

(c). The designing of bridges, machines, and engineering structures generally.

(d). The taking out of quantities and making of estimates from drawings.

## II. MECHANICAL ENGINEERING.

Professor BOVEY and Lecturer MCLEOD.

*Mechanism.*

The lectures on Mechanism will treat of :—The object and structure of a machine and the parts of a machine, bearings, connections (*simple and complex*), elementary combinations and their classification, shewing the various modifications of motion (*with constant or variable velocity-ratios*), engagements (*teeth of wheels, &c.*), adjustments.

*Theory of Machines.*

This Branch will comprise :—

(a). *The Transmission of Work*, including the measurement of work, the efficiency of machines, dynamical friction, viscosity, and the methods of transmitting work (*by continuous rotation, oscillation, belts, water, and compressed air*).

(b). *The Modification of Work and Stores of Energy*, embracing a study of the actual energy of moving pieces, springs and weights.

(c). *Governing and Controlling Machines*, including a consideration of uniform effort, variable resistance, machines driven by fluid pressure, differential governors.

(d). *Balancing Machinery*.

#### *Mechanical Work.*

A course of lectures will be given on the following specific Departments of Mechanical Engineering, and will treat entirely of the principles and results of actual practice:—The different classes of machinery. Belts, Gearing, Forging, Hammers (*Trip, Crank, Steam and Compound*), the Tempering of steel, Tools, Vise-work, Fitting and Finishing, Lathes and Lathe work, Planing, Slotting and shaping Machines, Boring and Drilling, Milling and Milling tools, Screw-cutting, the Slide-valve, Standard Measures, Gauging Implements, and calculations respecting the speed of Wheels, Pullies, &c.

### III. MINING ENGINEERING.

Professor :—B. J. HARRINGTON, B.A., PH.D.

The object of this course is to give Students a knowledge of the characters and mode of occurrence of various economic minerals, together with the methods employed for their extraction and subsequent treatment.

The lectures on Mining are given during the Third Year, and among the subjects taken up the following may be mentioned: Blasting and the nature and use of different Explosives, Quarrying, Hydraulic Mining, Boring, the Sinking, Timbering and Tubbing of Shafts, Driving and Timbering of Levels, Underground Conveyance and Hoisting, Drainage and Pumping, Lighting and Ventilation of Mines, special methods of Exploitation employed in the working of Metalliferous Deposits or of Coal Seams, &c. During this year also, instruction is given in Blowpipe Analysis, the object of which is to enable Students by means of the blowpipe and a few simple reagents to detect the nature of different Minerals or Ores. On account of the small amount of apparatus required, and the rapidity with which accurate results may be arrived at, a knowledge of this subject will be found most useful to those engaged in geological or other field-work.

In the Fourth Year a course of lectures on Metallurgy is given, and assays are made of various Ores, Fuels, &c.

NOTE.—The lectures on Mining and Metallurgy are illustrated by a series of Models of which a list is given on page 64.

### IV. SURVEYING AND DESCRIPTIVE GEOMETRY.

Lecturer :—C. H. MCLEOD, M.A.E.

#### *Surveying.*

This course is designed to afford the Student such instruction as will enable him to be of immediate service upon entering the office of an Engineer or Sur-

veyor, and to qualify him to pass all the examinations prescribed in this subject by the Dominion and Provincial Boards of Land Surveyors.

The course of instruction will be as follows :—

SECOND YEAR.—Chain Surveying. Compass Surveying. The use and adjustment of the Transit, Theodolite, Level (Dumpy, Y, and other forms), Sextant, Aneroid Barometer, Plane-table and other field instruments. Contour Surveying. Underground Surveying. Plotting and the best methods of calculating areas, both from the plot and directly from the notes.

In addition to the above this Class will, under the personal supervision of the Lecturer, make a Chain Survey of a tract of country. Each Student will be required to plot the survey from his own notes.

THIRD YEAR.—Topography. Methods of Setting out Work. Indirect and Barometric Levelling. Hydrographic Surveying. Spherical Surveying. Practical operations in the Field.

FOURTH YEAR.—Field operations.

Note.—The Field Operations undertaken by the Students of the 2nd, 3rd and 4th years will comprise a contour survey and an angular survey of a piece of ground ; the location of a line of road, including the making of preliminary surveys, the ranging of curves, the tracing, levelling and setting out of the line selected ; an Hydrographic Survey,—of which the two latter are done on alternate years. The Students of the 2nd and 3rd years will be required to prepare maps and sections from notes taken, by themselves, in the field.

### *Descriptive Geometry.*

SECOND YEAR.—(1) *Linear Drawing*.—Various straight line constructions. Circles. The Conic Sections. Spirals. Involute. Cycloids and other curves. Practical applications of the foregoing. (2) *Orthographic projection*.—The planes of projection. The projection of points, straight lines, curves and plane figures. The traces of straight lines and planes. The representation of solids, including bodies bounded by planes, and solids of revolution. The penetration of solids and the development of their surfaces. Sections of solids. Helices and screws. Tangent planes and normals. (3) *Spherical projections*.—Orthographic projections of the sphere. The construction of maps, including Mercator's and Flamstead's methods. The graphical determination of spherical triangles. (4) *Isometric projections*.

THIRD YEAR.—(1) *Shades and Shadings*.—Shadows of points and lines. Brilliant points. Practical problems. (2) *Mathematical Perspective*.—The picture plane and the eye. The perspective of points and lines. Vanishing points and measuring points. Vanishing lines of planes. The perspective projection of solids. Vanishing points of rays of light and of projections of rays. The perspective of shade and shadow.



## V. CHEMISTRY.

Lecturer :—B. J. HARRINGTON, B.A., PH.D.

A course of forty-five lectures, illustrated by experiments, is given to all Students of the First Year on the properties and preparation of the Non-Metallic and Metallic Elements, and many of their compounds, the laws of Chemical Combination by weight and volume, the Atomic Theory, Chemical Formulæ and Equations, characteristics of Acids, Bases and Salts, Compound Radicals, &c.

In the Second and Third Years additional instruction will be given to Students of the Mining and Chemistry Courses in the construction of apparatus, preparation of gases, &c.

## VI. PRACTICAL CHEMISTRY.

Professor :—GILBERT P. GIRDWOOD, M.D.

This course will be conducted in the Laboratory of the Medical Faculty, and will be specially designed for Chemistry Students of the Third and Fourth Years. It will include instruction in the method of Qualitative and Quantitative Analysis of Inorganic and Organic Bodies, Fractional Distillation, determination of Boiling Points, Melting Points, &c.

Students taking these subjects are supposed to have already obtained, in the earlier years of their course, a preliminary knowledge of the use of the Balance, Determination of Specific Gravities, Construction of Apparatus, Preparation of Gases, &c.

## VII. GEOLOGY.

Professor :—J. W. DAWSON, LL.D., F.R.S. (Logan Professor of Geology.)

Assistant Professor :—B. J. HARRINGTON, B.A., PH.D.

SECOND YEAR.—A preliminary Course in Zoology, with special reference to Fossil Animals.

THIRD YEAR.—Mineralogy, Lithology, Physical and Chronological Geology, and Palæontology, Geology of Canada, Methods of Geological Exploration.

FOURTH YEAR (Mining Students only).—Special Studies in Mineralogy and Lithology, Advanced Course in General Geology and Palæontology, Geology of Canada, Practical Geology and Field-work.

## VIII. MATHEMATICS AND MATHEMATICAL PHYSICS.

Lecturer :—G. H. CHANDLER, M.A.

The lectures in this course are specially designed to meet the requirements of Students of Applied Science ; those in Mechanics being introductory to Applied Mechanics. The subjects are as follows :—

FIRST YEAR.—(1) Euclid, books 1, 2, 3, 4, 6, with definitions of book 5. (2) Theories of *Loci*, *Transversals* and *Harmonic Division*. (3) *Algebra*, to Progres-

sions. (4) *Plane Trigonometry*, including heights and distances, and the use of Logarithms. (5) Elements of *Solid Geometry*, with elementary mensuration of surfaces and solids. (6) *Geometrical Conic Sections*. The parabola and fundamental properties of the ellipse and hyperbola.

SECOND YEAR.—(1) *Continuation of Algebra*. Progressions. Infinite series. Indeterminate coefficients. Binomial and exponential theorems. Theory of Logarithms. (2) *Analytical Geometry*. Tracing of curves. Determination of Equations. Transformation of co-ordinates. The straight line, circle, and conic sections. (3) *Differential and Integral Calculus*. Differentiation and integration of functions of one variable. Successive differentiation. Maclaurin's Theorem. Applications to Maxima and Minima and to Geometry. (4) *Mechanics*. The triangles, parallelograms and polygons of velocities, accelerations, and forces. Change of units. Inertia. Work and energy. Laws of motion. Motion in a straight line, parabola, and circle. Equilibrium of forces in one plane. Friction. Centres of gravity. Action of forces in machines. Moduli of machines. Equilibrium and pressure of liquids. Pumps, Hydraulic Cranes and Presses.

THIRD YEAR.—(1) *Spherical Trigonometry*. Deduction of formulæ for the solution of spherical triangles, and for the spherical excess. (2) *Practical Astronomy*. Diurnal motion. Refraction. Parallax. Principal methods used in the determination of Azimuth, Latitude, Longitude and Time. (4) *Mechanics*. Pressure and equilibrium of gases. Various problems in Mechanics.

*For Advanced Students*:—Continuation of Analytical Geometry and Calculus with applications to Mechanics.

#### IX. EXPERIMENTAL PHYSICS.

Professor :—ALEXANDER JOHNSON, LL.D. (Peter Redpath Professor of Natural Philosophy.)

The lectures will embrace 1 :—*Light*.—Theories.—Reflection.—Refraction.—Dispersion.—Interference and Diffraction.—Double Refraction.—Polarisation. 2 :—*Heat*.—Dilatation of Solids, Liquids and Gases.—Specific and Latent Heat.—Radiation and Conduction.—Mechanical Theory of Heat. 3 :—*Electricity*.—Statical and Dynamical ; including Electro-Magnetism.—Magneto-Electricity.—Thermo-Electricity.—Diamagnetism.—Electric Measurements.—Practical Applications to Telegraph, &c. 4 :—*Magnetism*. 5 :—*Sound*.—Theory of Undulations.—Production and Propagation of Sound.—Vibrations of Strings, Rods, and Plates.—Vibration of Fluids.—Musical Sounds. Text-book : GANOT'S TREATISE ON PHYSICS, translated by Atkinson. This Course extends over two years.

The subjects for the Session 1880-81 are Light and Heat.

#### X. ENGLISH LANGUAGE AND LITERATURE.

Professor :—VEN. ARCHDEACON LEACH, D.C.L., LL.D. (Molson Professor of English Language and Literature.)

Associate Professor :—CHARLES E. MOYSE, B.A.

FIRST YEAR.—English Language and Literature.

SECOND YEAR.—A special course on English Composition.

## XI. FRENCH OR GERMAN.

French :—Professor P. J. DAREY, M.A., B.C.L.

German :—Professor C. F. A. MARKGRAF, M.A.

Students of this Faculty are required to take the course in one of these languages provided by the Faculty of Arts.

## XII. METEOROLOGY.

Instruction in Meteorological Observations will be given in the Observatory at hours to suit the convenience of Senior Students.

Certificates will be granted to those Students who pass a satisfactory examination on the construction and use of Meteorological Instruments, and on the general facts of Meteorology.

N.B.—Students of the Second, Third and Fourth Years will be required to answer satisfactorily a weekly paper on such subjects of the course as shall be determined by the Faculty.

## § X. LIST OF TEXT-BOOKS.

*Engineering* :—Rankine's Civil Engineering, Rankine's Machinery and Mill work, Rose's Complete Practical Machinist.

*Applied Mechanics* :—Rankine's Applied Mechanics, Downing's Hydraulics, Goodeve's Elements of Mechanism, Willis' Principles of Mechanism.

*Steam*.—Rankine's Steam Engine, Goodeve's Steam Engine.

*Surveying* :—Gillespie's Land Surveying.

*Geology* :—Dana's Geology, Dana's Mineralogy, Dawson's Handbook of Zoology, Nicholson's Palæontology, Geological Survey Reports, Dawson's Acadian Geology.

*Blowpipe Analysis* :—Brush's Determinative Mineralogy and Blowpipe.

*Chemistry*.—Wilson's Inorganic Chemistry. Fresenius' Qualitative and Quantitative Analysis.

*Mathematics* :—Todhunter's Euclid, Todhunter's Algebra, Hamblin Smith's Trigonometry, Wilson's Solid Geometry and Conic Sections, Loomis's Analytical Geometry and Calculus, Goodeve's Principles of Mechanics, Chambers's Practical Mathematics.

## § XI MINING AND METALLURGICAL MODELS.

1. MAN-ENGINE.—This is a large working model showing two forms of the so-called Man-Engine, or Fahrkunst, for raising and lowering miners in deep mines. The Fahrkunst generally consists of two strong beams or rods of wood

to which platforms are attached at intervals for the men to stand upon. The rods are suspended in the shaft and a reciprocating motion communicated to them from a steam-engine or water wheel. When a miner wishes to ascend, he simply steps upon the lowest platform; the rod then rises for, say, twelve feet, and the man steps on to a platform on the opposite rod which lifts him another twelve feet, and so on until the surface is reached.

2.—BORING TOWER AND BORING TOOLS.—A model of a form of Boring-tower which has been extensively employed in Belgium, where boring operations have been carried on with great success. It is supplied with Kindt's free-falling apparatus, an ingenious contrivance for preventing the concussion from the chisel being communicated to the rods above. There are also models of several varieties of tools such as are used in extracting broken rods from bore-holes.

3.—VERTICAL SHAFT WITH PUMPS, MAN-ENGINE, HOISTING APPARATUS, &c.—This large and beautiful model shows the way in which shafts are timbered and divided into different compartments for hoisting, for man-engine, ladder-way and pumps. It is provided with two large overshot water-wheels, supposed to be placed at a considerable distance from the surface, and affording the necessary power for hoisting as well as for working the pumps and man-engine. The ore is raised in two wooden skips supplied with guides, the one ascending while the other descends.

4.—VERTICAL SHAFT WITH PUMPS AND MAN-ENGINE.—Somewhat similar to No. 3, but having only one water-wheel and no hoisting apparatus.

5.—MODEL SHOWING THE UNDERGROUND WORKING OF A MINE.—By means of this beautifully constructed model an idea may be easily obtained of the ordinary methods of working metalliferous veins of moderate thickness. It shows both shaft and galleries, different methods of timbering and walling, and exploitation by *overhand* and *underhand stoping*.

6.—TIMBERING.—Three models illustrating the partial and complete timbering of galleries.

7.—WALLING.—Three models illustrating the walling of galleries with bricks.

8.—TRAM-WAGGON.—Model of a waggon such as is used in many of the English mines. The box is of wood, strongly bound with iron; the wheels are of iron, and turn upon axles which are specially designed for use on roadways with sharp curves.

9.—SKIP.—Model of a wooden skip or box for raising ore in a vertical shaft.

10.—SKIP.—Model of a wooden skip for hoisting ore in an underlie shaft.

11.—KIBBLE.—Model of a wooden kibble or bucket for raising ore.

12.—HORSE WHIM.—Model of a form of horse-whim once extensively used in the Saxon mining regions. The principle is the same as in the case of the ordinary whim so frequently seen in Cornwall, but the details are more elaborate, as it was originally designed for permanent hoisting.

13.—HARTZ VENTILATOR OR AIR PUMP.—A simple but useful contrivance employed in the mines of the Hartz for temporary ventilation while shafts are being sunk or levels driven.

14.—STAMP BATTERIES.—Working model of three batteries of stamps for stamping ores, gold-bearing quartz, &c. Stamps like this model are employed in some parts of Europe, but those used in this country differ from it considerably.

15.—STOSSHEERD OR SHAKING TABLE.—A machine extensively used in different parts of the world for the separation of ores from the gangue or useless material with which they are commonly associated.

16.—ROTATING BUDDLE.—Like the last, a machine largely used for the concentration of ores.

17.—SLIME BOX OR TRENCH.—A kind of wooden box used for the concentration of “slimes” or pulverized ores.

18.—PATTINSON’S CONCENTRATING APPARATUS.—Model of one of the iron pots and, accompanying heating apparatus used in Pattinson’s process for the extraction of silver from lead.

19.—BELGIAN ZINC FURNACE.—This is an exact model of furnaces used in Belgium and elsewhere for the extraction of zinc from its ores by distillation in retorts. It shows not only the arrangement of the retorts but also the details of the heating apparatus.

20.—BLAST FURNACE.—This is a model of a blast furnace, the stack of which is supposed to be constructed of masonry. It is made in two sections so that the Student may obtain a view of the details of the interior. The lining, hearth flues for tapping off the waste gases, &c., are admirably shown.

21.—REVERBERATORY FURNACE.—Model of an English Reverberatory Furnace made in two sections so as to show the details of the interior.

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## § XII. MECHANICAL MODELS.

The collection of working Models in this Department is illustrative of

- (1). The Steam Engine showing the characters of
  - (a). Horizontal, Vertical, Locomotive and Marine Engines.
  - (b). Link-motion and reversing gear.
- (2). Various form of parallel motion.
- (3). Link-work, as employed to produce,—(a). Alternate intermittent motion. (b). Rotatory and Oscillatory motions with varying velocities. (c). Variable motion. (d). The motion of a Mortising Machine. (e). The motion of a Combination of Hooke’s Joint. (f). The motion of two parallel axes connected by side-rods. (g). Whitworth’s quick return motion. (h). Boehm’s motion of two parallel shafts. (i). The conversion of circular into linear motion.
- (4). Rolling and sliding contact, as shown by
  - (a). Conical toothed-wheel and toothed cone on Romer’s principle.
  - (b). Skew-bevels.
  - (c). Worm-wheel and worm.
  - (d). Face-plates with cross grooves.
  - (e). A Punching Machine.



(*f*). Shifting Slides and Cams to show the different forms and actions of plain cams and tappets.

(*g*). A model illustrating the various conditions of wrapping contact.

(*h*). A double rack and segmental toothed wheel producing reciprocating motion.

(*i*). Non-circular wheels.

(*j*). Spur wheels with Epicycloidal teeth.

(*k*). The motion of a Mangle-wheel.

(*l*). A set of excentric and elliptic toothed wheels.

(*m*). A triple toothed rack producing reciprocating motion.

(*n*). The hoop and pin wheel producing intermittent motion.

(*o*). A combination producing continuous slow motion.

(*p*). The silent click.

(*q*). A model illustrating the principle of Calculating Machines.



The School possesses a valuable set of Surveying and Engineering Instruments which Students make use of during the Session, when engaged on Field-work.

LECTURES IN THE FACULTY OF APPLIED SCIENCE.  
SESSION 1880-81.

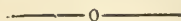
YEARS.	HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
<b>FIRST YEAR.</b>	9					Mathematics.
	10	Mathematics.	{ French German.	French.	{ French German.	
	11	English.		English.		English.
	12	Chemistry.	Mathematics.	Mathematics.	Mathematics.	Chemistry.
	2	Drawing.		Drawing.		Drawing.
	3	do		do		do
	4	do		do		do
<b>SECOND YEAR.</b>	9	French.	Railway Work	German.	Materials.	French.
	10	German.	Botany.		{ Botany Mathematics.	English.
	11	Mathematics.	Zoology.	Math. Phys.	Zoology.	Math. Physics.
	12		Exp. Physics.	French.	Exp. Physics.	German.
	2	{ Surveying { Prac. Chem.	Mechanism.	Surveying.	{ Drawing, { Mech. Work { Prac. Chem.	Mechanism.
	3	Drawing.	Drawing.	Drawing.	Drawing.	Drawing.
	4	do	do	do	do	do
<b>THIRD YEAR.</b>	9		Railway Work.	Geology.	Materials.	Geology.*
	10	Geology.	French.	Mathematics.	French.	Geology.
	11		German.		German.	
	12	Math. Physics.	Exp. Physics.	Drawing.	Exp. Physics.	Math. Physics.
	2	{ Prac. Chem. Drawing, Machinery	App. Mech.	{ Blowpipe { Analysis.	{ Prac. Chem., Machinery Surveying.	App. Mech.
	3	Surveying.	{ Drawing, { Mining,	do	Drawing.	Drawing.
	4	Drawing.	Drawing.	do	do	do
<b>FOURTH YEAR.</b>	9	Geology.*	Railway Work	Design., &c.	Design., &c.	Geology.*
	10	Design., &c.	Design., &c.	do	do	
	11	do	do	do	do	
	12	do	do	Geology.*		
	2	{ Assaying Construction.	Hydraulics.		{ Assaying Construction.	Hydraulics.
	3	Machinery.	Steam.		{ Mech. Work Assaying.	Steam.
	4			Metallurgy.*	do	

\* For Mining Students only.

† For Students in Mining and Chemistry.

Field work for 2nd and 3rd years on Mondays, Wednesdays and Fridays during September and October.

# Faculty of Medicine.



THE PRINCIPAL, (ex-officio.)

Professors :—CAMPBELL,  
SCOTT,  
WRIGHT,  
HOWARD,  
McCALLUM,  
CRAIK,  
FENWICK,

Professors :—DRAKE,  
GIRDWOOD,  
ROSS,  
OSLER,  
RODDICK,  
GARDNER.

Dean of the Faculty.—G. W. CAMPBELL, A.M., M.D., LL.D,

Registrar.—W. OSLER, M.D.

Demonstrator.—FRANCIS J. SHEPHERD, M.D.

Assistant-Demonstrator.—R. L. MACDONNELL, B.A., M.D.

The forty-eighth Session of the Medical Faculty of McGill University will be opened on Friday, October 1st, 1880, with a general Introductory Lecture at 11 a.m. The regular lectures will begin on Monday, the 4th Oct., at the hours specified in the time-table, and will be continued during the six months following.

The Medical College, a large and substantial building situated within the University Grounds, contains two spacious class rooms, Students' waiting-room, Library, Museum, Laboratories, together with a large and well-furnished Dissecting-room.

During the past year one of the three lecture rooms has been converted into a Physiological Laboratory and fully equipped with suitable apparatus.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession

into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

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I.

**MATRICULATION.**

*(a) University Matriculation Examination.*

This examination is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Saturday in March and the first Saturday in October of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are:—"Compulsory:—English Language, including grammar and composition; Arithmetic, including vulgar and decimal fractions; Algebra, including simple equations; Geometry, first two books of Euclid; Latin, translation and grammar;—and one of the following optional subjects:—Greek, French, German, Natural Philosophy, including mechanics, hydrostatics, and pneumatics."

TEXT BOOKS.—Latin,—Cæsar, Commentaries, Bk. I.; or Virgil, *Æneid*, Bk. I.

GREEK.—Xenophon, *Anabasis* Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

Graduates in Arts of recognized Universities are not required to submit to the Matriculation Examination, and a certificate of having passed this Examination before the College of Physicians and Surgeons of Ontario or of Quebec will be accepted by this University.

Students of the Provinces of Quebec and Ontario are required by the laws of those Provinces to pass the matriculation examinations of the provincial Medical Boards. In Ontario, Graduates in Arts are exempted from this examination.

(b) *Matriculation Examination of College of Physicians and Surgeons of the Province of Quebec.*

The subjects of examination are as follows :—

Compulsory Subjects :—English, French, Latin, Arithmetic, Algebra, Euclid, History, Geography, Belles-Lettres.

Optional Subjects :—Candidates can select any one of the following :—Greek, Natural and Moral Philosophy.

The Examinations will be held upon Thursday, the 23rd of September, 1880, at Quebec, and on Thursday the 5th of May, 1881, at Montreal. Applications to be made to Dr. Dagenais, Montreal, or Dr. Belleau, Quebec.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half the fee will be returned.

Of the four years study *after* having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board," and the first session must be attended during the year immediately succeeding the Matriculation Examination.

(c) *Matriculation Examination of the College of Physicians and Surgeons of the Province of Ontario.*

The examination is held in Toronto and in Kingston on the first Tuesday and Wednesday after Good Friday, and the third Tuesday and Wednesday in August of each year. It is compulsory upon all Students of the Province of Ontario. Graduates in Arts are exempted.

The subjects are as follows :—English Language, including grammar and composition ; Arithmetic, including vulgar and decimal fractions ; Algebra, including simple equations ; Geometry, first two books of Euclid ; Latin, translation and grammar ; and upon one of the following subjects (of which Students are recommended to select either Natural Philosophy, or one of the Modern Languages), the candidate having the option of naming the subject upon which he will be examined, viz. :—Greek, French, German, Natural Philosophy, including mechanics, hydrostatics and pneumatics.

Text Books.—Where more than one is named, the candidate may select one upon which he will prefer to be examined, viz :

Latin—Cæsar, *Commentaries on Gallic War*, fifth and sixth

- books ; Cicero, *Manilian Law* ; Virgil, *Æneid*, second book.  
 Greek—Xenophon, *Anabasis*. first book.  
 French, Voltaire, *Charles XII.*, 6th, 7th and 8th books.  
 German—Adler's Reader, first part.  
 Natural Philosophy—Peck's Ganot ; Sangster's first book.
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The attention of all intending Students from the Provinces of Quebec and Ontario is seriously requested to the importance of passing their Matriculation Examination IN THE SPRING. This is necessary under the law, which requires four full years of professional study from the date of Matriculation.

## II.

### ENREGISTRATION.

The following are the University Regulations :—

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$4 ; excepting in the Clinical Classes, in which enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year, and no tickets obtained from any of the Professors shall be received without previous enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the Classes.

## III.

### COURSES OF LECTURES.

**1 Anatomy.**—[Prof. Scott.]—The importance of Anatomy, both descriptive and in its relation to Medicine and Surgery, is duly considered by the Professor, who employs chiefly the fresh subject in the illustration of the lectures, aided, however, by dried preparations, wax models, plaster casts of dissections, plates, &c., the full size of life.

**2 Practical Anatomy.**—[Drs. Shepherd and MacDonnell.]—Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting-Room is open from 8 a.m. to 10 p. m.,



the Demonstrators' hours are from 10 to 12 a. m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined *at least* three times on each part dissected, and, if the examinations are satisfactory, a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Material provided under cost.

**3 Chemistry.**—[Prof. Girdwood].—Inorganic Chemistry is fully treated : a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration, abundant apparatus is possessed by the Professor, among which may be enumerated, a powerful Air Pump—Oxy-Hydrogen Microscope—Polariscope—extensive series of Models of Crystals, Electrical and Galvanic apparatus, steam engine, &c., &c.

**4 Practical Chemistry.**—[Prof. Girdwood.].—Thorough instruction is given in the different departments of Practical Chemistry in the Laboratory of the Faculty under the personal supervision of the Professor. The course includes blow-pipe manipulations, qualitative and quantitative analysis, toxicological investigations, &c., &c. This class may be taken in the Summer Session.

**5 Institutes of Medicine.**—[Prof. Osler and Assistant.].—Embraced in this course are the following classes :—

(a) **Physiology**, comprising,

(1) A full course of didactic lectures upon the structure and functions of the various organs of the body in health. The lectures are illustrated by fresh preparations, diagrams, plates and models, and, when practicable, by experiments.

(2) Practical demonstrations, held every Saturday from 2 to 4 p. m. In this class a complete series of histological preparations is exhibited and explained. Specimens illustrative of physiological anatomy and practical physiology are also shown, and the Students invited to propound and discuss any questions which may not have appeared clear to them.

(3) Practical Histology—normal and pathological. A course of 25 lessons—Microscopes, re-agents and material provided. This course is generally held during the Summer Session, but will also be conducted during the Winter if a class of 10 Students be formed. It comprises thorough instruction in the use of the Microscope and the preparation of the tissues, each Student preparing for himself during the course a cabinet of 100 or more specimens.

(b) **Pathology**, comprising,

(1) A limited number of lectures on General Pathology, which are included in the systematic course on the Institutes.

(2) Pathological Demonstrations—weekly—Saturday, 11 a.m. This course is

based upon, and conducted, as far as possible, in the same way as that of Prof. Virchow, at the Berlin Pathological Institute. Specimens of all kinds are collected throughout the week, kept fresh until Saturday, and then brought before the class, when practical comments are made upon them. An idea of the amount of material at command may be gathered from the fact that over 150 fresh pathological specimens, illustrative of almost all the common forms of disease, were laid before the class during the past session.

(3) Instruction in Post-mortems—The Autopsy Room of the General Hospital is in charge of the Professor, and the post-mortems are performed by the Students in rotation, under his supervision. System and thoroughness in inspection are insisted upon, the method followed being that of Virchow. As far as possible, attention is drawn to the Medical Anatomy of the thoracic and abdominal organs. In connection with this class, aided by the Professor of Medical Jurisprudence, two Coroners' Inquests will be conducted during the Session before the class, and the Medico-legal aspects of post-mortems dwelt upon.

**6 Materia Medica.**—[Prof. Wright.]—In this course the ordinary Medicines official in the British Pharmacopœia are taken up in classes according to their chief actions, and described under the various heads peculiar to Pharmacology. The Therapeutics of each are fully detailed, under the effects that follow from different doses. Those from toxic or over-doses are added, together with the mode of treatment, etc. The course is illustrated from a cabinet of the various drugs and their preparations, and the plates of Wagner, Roque, Stevenson and Churchill are also shewn. Analytical experiments with the ordinary re-agents are exhibited.

**7 Theory and Practice of Medicine.**—[Prof. Howard.]—While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, the department of General Pathology in this University being included in the Institutes of Medicine, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important diseases of the body, not described from the chairs of Surgery and Obstetrics, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the histological and anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes and to give the results of treatment.

**8 Clinical Medicine.**—[Prof. Ross.]—Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given by the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the ther-

mometer and ophthalmoscope, etc., in Medical Diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

**9 Surgery.**—[Prof. Fenwick.]—Divided into Principles and Practice, including Surgical Anatomy and Operative Surgery, exhibited on the subject. The various surgical instruments and apparatus are exhibited, and their uses and applications explained and practically illustrated.

**10 Clinical Surgery.**—[Prof. Roddick.]—This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of Surgical cases actually present in the wards of the General Hospital. The class is taken charge of by the Teacher on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases examined by the senior Students. The Surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, etc. Major operations are performed in the spacious theatre attached to the Hospital, which is so admirably constructed that the most distant can generally obtain a fair view of the operation. This is also used as a Lecture Room by the Clinical Professors. All of the recently invented appliances for the treatment of Surgical disease have been introduced into the Hospital, prominent among which is a complete outfit of Lister's Antiseptic Apparatus, so that this excellent method of treating wounds is now almost universally adopted.

**11 Midwifery.**—[Prof. McCallum.]—Including diseases of women and children, illustrated by a series of drawings on a large scale, by humid preparations, by models in wax, by the use of the artificial Pelvis, and by cases in the wards of the Lying-in Hospital.

**12 Medical Jurisprudence.**—[Prof. Gardner.]—This course includes *Insan-  
i-ty*, to which a good deal of attention is devoted, the subject being treated of in its Medical as well as Medico-legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopical tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by the Sorby-Browning Micro-spectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described with reference to symptoms, post-mortem ap-

pearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the Class.

**13 Hygiene and Public Health.**—[Prof. Gardner.]—A three months' course of Lectures will be delivered on this subject, the attendance upon which is now compulsory.

**14 Ophthalmology and Otology.**—[Dr. Buller.]—Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with ; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A Course of Operations on the Cadaver will be open to such Students as may wish to avail themselves of the same.

**15 Botany and Zoology.**—[Prof. Dawson.]—The Course in Botany is illustrated by specimens, diagrams, models, and the microscope. Students have access without any additional fee to the lectures in Zoology in the Faculty of Arts, and to the Natural History Museum of the University and the Museum of the Natural History Society of Montreal.

**16 Helminthology.**—A course of six lectures on the Parasitic Diseases of Man and the Domestic Animals. (Prof. Osler). The life history and development of the Entozoa, together with the diseases caused by them, are fully considered. The lectures are illustrated by a series of beautiful diagrams, and by fresh and prepared specimens.

The following are extracts from the University Regulations with respect to the courses of Lectures :

1st. Each Professor shall deliver at least five Lectures during the week, except in the classes of Clinical Medicine and Clinical Surgery, in which three bedside demonstrations and one Clinical Lecture shall be given ; and in that of Medical Jurisprudence, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

## IV.

## QUALIFICATIONS FOR THE DEGREE.

The following are extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine :

1st. No one shall be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not either :—1st, have attended Lectures for a period of at least four six months' sessions in this University, or some other University, College, or School of Medicine, approved of by this University ; or, 2ndly, have studied medicine during at least four years, and during that time have attended Lectures for a period of at least three six months' Sessions, either in this University, or some other University, College, or School of Medicine, approved of by this University.

2nd. Candidates for the Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz :—

<i>Anatomy.</i>	}	<i>Of which two Courses will be required of six months' duration.</i>
<i>Chemistry.</i>		
<i>Materia Medica and Pharmacy.</i>		
<i>Institutes of Medicine.</i>		
<i>Principles and Practice of Surgery.</i>		
<i>Midwifery and Diseases of Women and Children.</i>		
<i>Theory and Practice of Medicine.</i>		
<i>Practical Anatomy.</i>		
<i>Clinical Medicine.</i>	}	<i>Of which one Course of six months' or two Courses of three months' will be required.</i>
<i>Clinical Surgery.</i>		

*Medical Jurisprudence.*

<i>Practical Chemistry.</i>	}	<i>Of which one Course will be required of three months' duration.</i>
<i>Botany or Zoology.</i>		
<i>Hygiene.</i>		

*And a Course of not less than twenty-five Demonstrations upon Microscopic Anatomy, Physiology, and Pathology.*

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated may be presented and accepted.

3rd. The Candidate must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of accouchement.



5th. No one shall be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Dean of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Dean of the Faculty the following Certificate :—

MONTREAL,———18—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed,)

A. B.

8th. The trials to be undergone by the candidate shall be such as referred to under Section V.

9th. The following Oath or affirmation, will be exacted from the Candidate before receiving his degree :

#### SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A———B———, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo ;—me in omnibus grati animi officiis, erga hanc Universitatem ad extremum vitæ halitum, perseveraturum, tum porro, artem medicam, caute, caste et probe exercitaturum ; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum ; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be twenty dollars, to be paid by the successful candidate immediately after examination, together with a Registration fee of one dollar.

11th. The money arising from the fees of Graduation, as well as those of Enregistration, shall be applied to the enlargement of the Medical Library and Museum, and to defraying their expenses.

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#### V.

#### EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student ; and in addition two or three written examinations are given throughout the Session.



The examinations at the close of each Session are arranged as follows :

*1st Year—Sessional Examination.*

ANATOMY.—Bones, Ligaments, Muscles, Viscera.

PHYSIOLOGY.—The Tissues, Blood, Circulation, Respiration, Digestion.

CHEMISTRY.—*Chemical Physics*.—Molecular Forces ; Heat, Light, Electricity, and Magnetism.

*Chemical Philosophy*.—Laws of Combination ; Nomenclature ; Symbolic Notation, Classification of Elements.

MATERIA MEDICA.—Preparation, Characters, and Adulterations of Medicines.

PRACTICAL ANATOMY.—Bones, Ligaments, Muscles, Viscera.

BOTANY.

*2nd Year—Primary, Pass Examination.*

ANATOMY.

PRACTICAL ANATOMY.

PHYSIOLOGY.

CHEMISTRY.

PRACTICAL CHEMISTRY.

MATERIA MEDICA.

*3rd Year—Sessional Examination.*

MEDICAL JURISPRUDENCE WITH TOXICOLOGY.

HYGIENE.\*—

MEDICINE.—Classification of Diseases, Pathology of Zymotic diseases. Continued, periodical and eruptive fevers. Constitutional diseases. Diseases of Kidney.

SURGERY.—Surgical Pathology, Wounds, Fractures, Dislocations.

MIDWIFERY.—Organs of generation of the female, and changes in them which result from conception. Signs of Pregnancy—Diseases of Pregnancy—Pelvis and its deformities.—Mechanism of Labor.

\*—May be taken at the end of the Second Year.

*4th Year—Final Pass Examination.*

MEDICINE.

SURGERY.

MIDWIFERY.

CLINICAL MEDICINE.

CLINICAL SURGERY.

MEDICAL ANATOMY.

SURGICAL ANATOMY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year an equitable division is made between the Primary and Final branches.

It was not thought advisable that Students should *pass* finally on important subjects of the Primary branches at the end of the first year, hence the second year examination embraces the whole range of the Primary subjects, and the same holds good for the Final branches in the 3rd and 4th Year, with the exception of Medical Jurisprudence and Hygiene, which may be finally passed at the end of the 3rd Year.

The Sessional Examinations at the close of the 1st and 3rd Years are compulsory upon all Students, and they will be rated according to merit.

With regard to the Primary Examination at the end of the 2nd Year, it remains optional with the Student whether he passes in all the branches or leaves two for the 3rd Year. In any case, Chemistry and one other must be taken at the close of the 2nd Year.

## VI.

**MEDALS AND PRIZES.**

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final Branches.

2nd. A prize in books awarded for the best examination, written and oral, in the Final Branches. The gold medallist is not permitted to compete for this prize.

3rd. A prize in books awarded for the best examination, written and oral, in the Primary Branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary Branches.

A prize in books for the best examination in Practical Anatomy.

A prize in books for the best examination in Botany, and a prize for the best Collection of Plants.

## VII.

### FEES.

#### Lectures.

Practice of Medicine.....one course	\$12.00
Clinical Medicine.....	" 12.00
Surgery.....	" 12.00
Clinical Surgery.....	" 12.00
Obstetrics and Gynæcology.....	" 12.00
Medical Jurisprudence.....	" 10.00
Anatomy.....	" 12.00
Institutes of Medicine (Physiology & Pathology)	" 16.00
Chemistry..	" 12.00
Chemistry, Practical.....	" 12.00
Practical Anatomy.....	" 10.00
Hygiene.....	" 6.00
Botany and Zoology.....	" 5.00
Matriculation.....	" 5.00
Enregistration, (each Session).....	4.00
Degree .....	20.00
Registration of Degree.....	1.00

### HOSPITAL FEES.

#### Montreal General Hospital.

Six months .....	\$ 8.00
Twelve months.....	12.00
Perpetual.....	20.00

#### Lying-in-Hospital.

Six months.....	8.00
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Summer Session ..... 10.00

Practical Histology, (Microscopes and reagents provided) 15.00

Any Student after having paid the fees and attended two courses of any class, shall be entitled to a perpetual ticket for that class, except the following :—Practical Anatomy, Practical Histology and Practical Chemistry.

N.B.—All Fees are payable strictly in advance.

## VIII.

### TEXT BOOKS.

ANATOMY.—Gray, Wilson, Sharpey and Quain.

PRACTICAL ANATOMY.—Heath's and Ellis' "Dissectors," Holden's Dissector and Landmarks.

CHEMISTRY.—Fownes, Miller, Roscoe.

PRACTICAL CHEMISTRY.—Odling, Galloway, Fresenius.

MATERIA MEDICA.—Pereira's Manual by Farre, Bently and Warington.

INSTITUTES OF MEDICINE.—*Physiology*.—Foster, (Am. Edit.) Kirke's Hand-Book, Dalton, Huxley. *Pathology*.—Green, Jones & Sieveking, (by Payne) Virchow on Post-Mortems, Orth's Compendium.

PRACTICAL HISTOLOGY.—Rutherford, Schafer.

SURGERY.—Holmes' Surgery, Erichsen, Druitt, Bryant.

PRACTICE OF MEDICINE.—Aitken, Wood, Watson, Roberts, DaCosta, Flint.

MEDICAL JURISPRUDENCE.—Taylor's Jurisprudence, Guy and Ferrier's Forensic Medicine, Woodman & Tidy's Handbook, Maudsley on Insanity, Shepherd's Lectures on Madness.

MIDWIFERY.—Churchill, Ramsbotham, Cazeaux, Leishman, Playfair.

HYGIENE.—Parks, Hammond, Wilson.

## IX.

### MUSEUM.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-mache models.

Graduates of the University are invited to contribute specimens.

## X.

**LIBRARY.**

This comprises between four and five thousand volumes, including all the standard text-books and works of reference, together with complete files of the leading periodicals. Students may obtain books on making a deposit of \$4.00, which is refunded on returning the volumes.

## XI.

**MCGILL MEDICAL SOCIETY.**

This Society, composed of enregistered Students of the Faculty, meets once a week during the Summer Session, and fortnightly during the winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American medical journals are on file.

## XII.

**COST OF LIVING, &c.**

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good Board may be obtained from \$14 to \$20 per month. A list of Boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

## XIII.

**HOSPITALS.****MONTREAL GENERAL HOSPITAL.**

The Montreal General Hospital affords ample means for the instruction of Students in Clinical Medicine and Surgery. The daily number of beds occupied by patients averages from 140 to 150, and during epidemic visitations has reached a much higher number. The

Governors have also erected a Hospital for Children, contiguous to the Reid Wing of the present building. The Students have thus an opportunity of becoming familiar with nearly all the diseases of suffering humanity, and with the peculiarities imparted to them by infancy, adolescence, maturity and declining age.

The large number of out-door patients that are treated in the Hospital, averaging from sixty to seventy daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student, although, on account of their variety and frequency, they are of great importance to the Physician.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every Student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye, by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and as far as practicable to keep such cases under observation so long as they remain in the Hospital.

The shipping contributes many examples of accidents and surgical cases.

CLINICAL CLERKS to both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate direction of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording the most real *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

DRESSERS are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians.



The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

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### MONTREAL DISPENSARY.

ST. ANTOINE STREET.

About 10,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12-2 daily.

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### UNIVERSITY LYING-IN HOSPITAL.

This is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures, are furnished with cases in rotation; they are advised to attend this Institution as much as possible during the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each. Moreover, in this way more attention can be given to their duties during the winter.

The Assistant to the Professor of Midwifery attends each case, and gives instruction to the students in the methods of examination and the diagnosis of presentations.

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### UNIVERSITY DISPENSARY FOR DISEASES OF WOMEN.

Clinical instruction to Senior Students will be given thrice weekly at this Institution, 107 St. Urbain Street.

#### XIV.

#### PAST SESSION.

The total number of students enregistered in this Faculty during the past year was 166, of whom there were, from—

Ontario,	75,	New Brunswick,	8
Quebec,	56,	P. E. Island,	4
Nova Scotia,	2,	Newfoundland,	1,
Manitoba,	3,	West Indies,	1,
United States,		16.	

The following gentlemen, 36 in number, have passed their Primary Examination on the following subjects ; Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Materia Medica and Pharmacy, Institutes of Medicine and Botany or Zoology. Their names and residences are as follows :

NAME.	RESIDENCE.
Burland, W. B.....	Montreal.
Campbell, Lorne .....	Montreal.
Christie, Edmund.....	Lachute, Q.
Cormack, Wm .....	Guelph, O.
Carson, J. H.....	Port Hope, O.
Dawson, Rankine, B.A.....	Montreal.
Dunlop, A. H.....	Pembroke, O.
Duncan, W. T.....	Granby, Q.
Grant, J. A., B.A.....	Ottawa, O.
Gordon, Chas. M.....	Ottawa, O.
Harvie, J. B.....	Ottawa, O.
Houston, D. W.....	Belleville, O.
Hurdman B. F. W.....	Aylmer, Q.
Klock, R. H.....	Aylmer, Q.
Lunam, H., B.A.....	Litchford, Q.
McDonald, A.....	Paisley, O.
McLean, T. M.....	Perth, O.
McNulty, Michael.....	Iroquois, O.
Mewburn, F. H.....	Drummondville, O.
Moore, William .....	Owen Sound, O.
O'Keefe, H.....	Lindsay, O.
Ogden, H. V., B.A.....	St. Catharines, O.
Poole, H. E.....	Wakefield, Q.
Reynolds, T. W.....	Brockville, O.
Ross, James, B.A.....	Dewittville, Q.
Shaver, W. H.....	Wales, O.
Struthers, A. D.....	Philipsburg, Q.
Shaw, Alex.....	Seaforth, O.
Stephen, Wm.....	Montreal, Q.
Shanks, J. C.....	Huntingdon, Q.
Shufelt, W. A.....	Brome, Q.
Thornton, H. W., B.A.....	Montreal, Q.
Trueman, J. E.....	Sackville, N.B.
Vanier, Philias .....	St. Martin, Q.
Wagner, G. C.....	Dickinson's Landing, O.
Williams, Joseph.....	London, O.

The following gentlemen, 30 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M., from this University. These exercises consist in examinations, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:

NAME.	RESIDENCE.
Ayer, Nehemiah, M.A.....	Woodstock, N.B.
Church, F. W.....	Aylmer, Q.
Cahalan, James.....	Wyandotte, Mich.
Cowley, D. K.....	Ottawa, Ont.
Dibblee, G. O.....	St. Stephen, N.B.
Edwards, J. S.....	London, Ont.
Heard, C. de W.....	Charlottetown, P.E.I.
Henderson, And.....	Montreal, Que.
Inksetter, D. G.....	Copetown, Ont.
Logan, Robert.....	Iona, Mich.
McLaren, D. C., B.A.....	Montreal, Q.
McKenzie, B. E., B.A.....	Aurora, Ont.
McEachran, Wm.....	Montreal, Q.
McDonald, R. C.....	Perth, Ont.
McDonald, J. A.....	Panmure, P.E.I.
McNulty, M.....	Iroquois, Ont.
Maas, R. J.....	Negaunee, Mich.
Mignault, L. D., B.A.....	Montreal, Q.
O'Callaghan, T. A., B.A.....	Worcester, Mass.
Pinsonneault, B.....	Montreal, Q.
Pringle, A. F.....	Cornwall, Ont.
Poole, H. E.....	Wakefield, Q.
Pulford, F. W.....	Winnipeg, Man.
Riordan, B. L.....	Port Hope, Ont.
Ruttan, A. M.....	Napanee, Ont.
Ross, G. T.....	Montreal, Q.
Stewart, J. O.....	St. Anicet, Q.
Small, H. B.....	Ottawa, Ont.
Smiley, J.....	St. Lambert, Q.
Stevenson, Hans.....	Wakefield, Q.

Of the above-named gentlemen Mr. R. C. McDonald is under age. He has, however, passed all the examinations, and fulfilled all the

requirements necessary for graduation, and only awaits his majority to receive his degree.

The following have passed in Medical Jurisprudence :—

Ch. N. Beer,	W. L. Gray,	R. F. McDonald,
P. Cameron,	J. B. Harvie,	K. McKenzie,
J. H. Carson,	H. E. Heyd,	F. H. Mewburn,
Wm. Cormack,	J. W. Higginson.	W. J. Musgrove,
A. H. Dunlop,	J. J. Hunt,	T. W. Reynolds,
E. C. Fielde,	G. E. Josephs,	E. J. Rogers,
H. D. Fraser,	W. A. Lang,	J. W. Ross,
C. M. Gordon,	E. J. Laurin,	J. C. Shanks,
	A. D. Struthers,	G. C. Wagner,

The following have passed in Anatomy :—

E. C. Bangs,	A. M. Cattanach,	A. J. Rutledge,
W. D. Bell,	Hugh Gale,	W. E. Thompson,
C. O. Brown,	T. J. P. O'Brien.	

The following have passed in Chemistry :—

E. C. Bangs,	A. M. Cattanach,	T. J. P. O'Brien,
C. O. Brown,	Hugh Gale,	A. J. Rutledge,
J. W. Cameron,	R. J. B. Howard,	

The following have passed in Materia Medica :—

J. W. Cameron,	Hugh Gale,	Chs. B. Hanvey,
	R. C. McCorkill.	

The following have passed in the Institutes of Medicine :—

E. C. Bangs,	Chs. B. Hanvey,	W. J. Prendergast, B.A.,
A. M. Cattenach,	T. J. P. O'Brien,	Freeman Tupper.

The following have passed in Practical Anatomy.

C. O. Brown,	A. M. Cattenach,	T. J. P. O'Brien.
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The following have passed in Botany :—

#### CLASS I.

C. E. Cameron,	} Equ al.	C. E. Allen,	H. A. Hutchins,
J. Gray,		N. McE. Scott,	J. S. Lathern,
J. B. Loring,		A. Stewart,	L. D. Ross,
G. E. Cook,		F. E. Muckey,	J. A. Hopk'ns.

## CLASS II.

T. W. Grange,	H. J. Clarke,	* Alex. Glass,
J. E. Mehan,	Jas. Park,	* J. M. Skully,
G. B. Rowell,	J. C. Bowser,	H. J. Harrison,
L. J. Gardner,	* W. Wardle,	J. C. McRae.
* A. J. Chandler,	J. E. Case,	

## CLASS III.

A. J. Rutledge,	O. Martel,	H. M. Comstock,
A. Elliott,	* D. E. Campbell,	E. S. Wood,
J. J. Maher,	H. Dearden,	P. N. Kelley,
G. K. Sherriff,	C. O. Brown,	C. Fairbanks.
J. R. Johnson,	G. A. Sihler,	

\* Marked thus are Students of the Veterinary College.

## XV.

## MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL was awarded to J. A. McDonald, Panmure, P.E.I.

THE PRIZE FOR THE FINAL EXAMINATION was awarded to H. B. Small, of Ottawa.

THE PRIZE FOR THE PRIMARY EXAMINATION was awarded to James Ross, B.A., Dewittville, Q.

THE SUTHERLAND GOLD MEDAL was awarded to H. W. Thornton, B.A., Montreal.

The following gentlemen, arranged in the order of merit, deserve honourable mention :—

In the Final Examination, Messrs. Stevenson, Henderson and Mignault, B.A.

In the Primary Examination, Messrs. H. V. Ogden, B.A., R. Dawson, B.A., W. Moore, H. W. Thornton, B.A., and T. W. Reynolds.

## PROFESSORS' PRIZES.

BOTANY.—First Prize, C. E. Cameron, of Montreal, and J. Gray, Brucefield, Ont., equal.

PRACTICAL ANATOMY.—Demonstrator's Prize, awarded to James Ross, B.A., Dewittville, Q.

# McGill University.—Faculty of Medicine.

## ORDER OF LECTURES, WINTER SESSION 1880-81.

A.M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Anatomy. Medical Jurisprudence.	Anatomy. Ophthalmic Clinic.	Anatomy. Medical Jurisprudence.	Anatomy. Ophthalmic Clinic.	Anatomy. Medical Jurisprudence.	Hygiene. Botany.
10	Surgery. Practical Chemistry.	Surgery. Botany.	Surgery. Practical Chemistry.	Surgery. Botany.	Surgery. Practical Chemistry.	Pathological Demonstration
11	Midwifery. Out-door Patients. Montreal General Hospital.	Midwifery. Out-door Patients. Montreal General Hospital.	Midwifery. Out-door Patients. Montreal General Hospital.	Midwifery. Out-door Patients. Montreal General Hospital.	Midwifery. Out-door Patients. Montreal General Hospital.	
P.M.	Clinical Medicine, Wards.	Clinical Surgery, Wards.	Clinical Lecture, Medicine.	Clinical Medicine, Wards.	Clinical Surgery, Wards.	Clinical Lecture, Surgery.
12.45			Clinical Surgery, Wards.			Clinical Medicine, Wards.
1.45	Materia Medica.	Materia Medica.	Materia Medica.	Materia Medica.	Materia Medica.	Histological Demonstration, 1st year.
2	Physiology.	Physiology.	Physiology.	Physiology.	General Pathology.	Physiological Demonstration 2nd year.
3	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	
4	Chemistry.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
5	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	
8.10						

*40* The Demonstrator's Hours in the Dissecting Room are from 10-12 a. m., 8-10 p. m.  
*41* Autopsies are performed at the General Hospital between 12 & 2 p. m. Due notice is given to the students.



# Faculty of Law.

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THE PRINCIPAL (Ex-officio.)

Professors :—ABBOTT.

LAFLAMME.

CARTER.

KERR.

TRENHOLME.

WURTELE.

Professors :—RAINVILLE.

ARCHIBALD.

LAREAU.

HUTCHINSON.

ROBIDOUX.

Dean of the Faculty.—Hon. J. J. C. ABBOTT, Q.C., D.C.L.

Acting Dean.—Professor WM. KERR, Q.C., D.C.L.

Registrar of the Faculty.—J. S. ARCHIBALD, M.A., B.C.L.

Corporation Examiners for Degrees.—Professors N. W. TRENHOLME, M.A., B.C.L., and EDMOND LAREAU, B.C.L.

Matriculation Examiners of the Faculty.—Professors J. S. ARCHIBALD, M.A., B.C.L., and EDMOND LAREAU, B.C.L.

The Classes in Law will commence on Friday the First of October, 1880, and will extend to March 31st, 1881.

The Examinations will be held in the William Molson Hall, McGill College Building, from 3 to 6 p. m., on the 10th, 11th, 14th, 15th, 16th, 17th and 18th days of March, 1881.

The Lecture Rooms of the Faculty are situated in the Molson's Bank Chambers, in St. James Street.

The complete course of study in this Faculty extends over three years; but it may be shortened to two years, when the student matriculates in the third year of his indentures.

Students who avail themselves of the privilege of attending two years only, will nevertheless be required to pass an examination in the subjects comprised in the three years' course.

Matriculated Students who do not take the whole course are classed as Partial Students, and are not entitled to proceed to the Degree of B. C. L.

Occasional Students will be received without matriculation, for attendance on any particular series of Lectures.

Students who have completed their course of three years,—or of two years, if they have commenced in the third year of their indentures,—and have passed a satisfactory examination, will be entitled, upon the certificate and recommendation of the Faculty, to the Degree of Bachelor of Civil Law.

## COURSE OF STUDY.

## FIRST YEAR.

<i>Legal History</i> .....	Professor LAREAU.
<i>Civil Law</i> :—	
Persons .....	} Professor ROBIDOUX.
Property.....	
Ownership .....	
<i>Roman Law</i> :—	
Institutes of Justinian, B. I.....	} Professor TRENHOLME.
Gaius, C. I.....	
Maine, Chapters I. to IV.....	
<i>Civil and Commercial Law</i> :—	
Obligations.....	Professor WURTELE.
<i>Civil Procedure</i> :—	
Introduction .....	Professor HUTCHINSON.
<i>Criminal Law</i> .....	Professor ARCHIBALD.

## SECOND YEAR.

<i>Legal Bibliography</i> .....	} Professor LAREAU.
<i>Civil Law</i> :—	
Rents .....	
Transaction .....	
Suretyship .....	} Professor ROBIDOUX.
<i>Civil Law</i> :—	
Usufruct.....	
Real Servitudes .....	
Gifts and Wills.....	} Professor KERR.
Substitutions .....	
<i>International Law</i> .....	} Professor KERR.
<i>Civil and Commercial Law</i> :—	
Sales.....	
<i>Roman Law</i> :—	
Institutes of Justinian, B. II. and B. III. to Title 14 }	} Professor TRENHOLME.
Gaius, Chaps. II. and III.....	
Maine, Chapters V. to VIII .....	
<i>Commercial Law</i> :—	
Partnership.....	} Professor WURTELE.
Corporations .....	
Bills of Exchange.....	

*Civil Procedure :—*

First Part .....	}	Professor HUTCHINSON.
		Professor ARCHIBALD.

*Criminal Procedure and Election Law :—*

## THIRD YEAR.

*Civil Law :—*

Privileges and Hypothecs .....	}	Professor LAREAU.
Prescription .....		
Imprisonment in Civil Cases .....		

*Civil Law :—*

Successions .....	}	Professor Robidoux.
Marriage Covenants .....		
Dower .....		

*International Law .....**Commercial Law :—*

Carriage of Persons .....	}	Professor KERR.
Insurance .....		
Bottomry and Respondentia .....		

*Roman Law :—*

Institutes of Justinian, B. II. from Title 14..	}	
Maine, Chapters IX. and X.....		

*Civil Law :—*

Mandate .....	}	Professor TRENHOLME.
Loan .....		
Deposit .....		
Pledge .....		

*Evidence .....**Commercial Law :—*

Merchant Shipping .....	}	Professor WURTELE.
Affreightment .....		
Insolvency .....		

<i>Civil Procedure</i> .....	}	Professor HUTCHINSON.
Second Part .....		

<i>Criminal Procedure and Election Law</i> .....		Professor ARCHIBALD.
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## FACULTY REGULATIONS.

1. Any person desirous of becoming a Matriculated Student, shall apply to the Dean of the Faculty for examination and entry in the Register of Matriculation, and shall procure a ticket of Matriculation and tickets of admission to the Lectures for each Session of the Course. (Students are requested to call on the Registrar who will furnish them with the necessary forms.)

2. Candidates for Matriculation shall pass an examination, satisfactory to the Faculty of Law, in Latin, French, English, Mathematics and Ancient and Modern History, and the books upon which such examination shall be had shall be from time to time fixed by the Faculty.

3. Students in Law shall be known as of the First, Second and Third Years, and shall be so graded by the Faculty. In each year, Students shall take the studies fixed for that year and those only, unless by special permission of the Faculty.

4. The Register of Matriculation shall be closed on the 1st of November in each year, and return thereof shall be immediately made by the Dean to the Registrar of the University. Candidates applying thereafter may be admitted on a special examination to be determined by the Faculty; and if admitted, their names shall be returned in a supplementary list to the Registrar.

5. Persons desirous of entering as Occasional Students shall apply to the Dean of the Faculty for admission as such Students, and shall obtain a ticket, or tickets, for the class or classes they desire to attend.

6. Students who have attended Collegiate courses of study in other Universities for a number of terms or sessions, may be admitted, on the production of certificates, to a like standing in this University, after examination by the Faculty.

7. All Students shall be subject to the following regulations for attendance and conduct:—

(1) A Class-Book shall be kept by each Professor and Lecturer, in which the presence or absence of Students shall be carefully noted; and the said Class-Book shall be submitted to the Faculty at a meeting to be held between the close of the lectures and the commencement of the examinations; and the Faculty shall, after examination of such class-book, decide which students shall be deemed to have been sufficiently regular in their attendance to entitle them to proceed to the examination in the respective classes.

(2) Punctual attendance on all the classes proper to his year is required of each student. Professors will note the attendance immediately on the commencement of their lectures, and will omit the names of Students entering thereafter, unless satisfactory reasons are assigned. Absence or tardiness, without sufficient excuse, or inattention or disorder in the Class-room, if persisted in after admonition by the Professor, will be reported to the Dean of the Faculty, who may reprimand the student or report to the Faculty, as he may decide. While in the building, or going to or from it, students are expected to conduct themselves in the same orderly manner as in the Class-rooms. Any Professor observing improper conduct in the Class-rooms, or elsewhere in the building, will admonish the student; and, if necessary, report him to the Dean.

(3) When Students are reported to the Faculty under the above rules, the Faculty may reprimand, report to parents or guardians, disqualify from competing for prizes or honours, suspend from classes, or report to the Corporation for expulsion.

(4) Any Student injuring the furniture or building, will be required to repair the same at his own expense, and will, in addition, be subject to such penalty as the Faculty may see fit to impose.

(5) The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session shall each in case be determined by the Faculty.

(6) All cases of discipline involving the interests of more than one Faculty, or of the University generally, shall be reported to the Principal, or, in his absence, to the Vice-Principal.

8. At the end of every Session there shall be a general examination of all the Classes, under the Superintendence of the Professors, and of such other Examiners as may be appointed by the Corporation, which examination shall be conducted by means of printed questions, answered by the students in writing, in the presence of the Examiners. The result shall be reported as early as possible to the Faculty, which shall decide the general standing of the students accordingly.

9. Each Professor shall deliver at least two Lectures in each week. Each Lecture shall be of one hour's duration; but the Professors shall have the right from time to time to substitute an examination for any such Lectures.

10. No Student shall be considered as having kept a Session, unless he shall have attended regularly all the courses of Lectures, and shall have passed the Sessional Examinations to the satisfaction of the Faculty, in all the classes of his year.

11. The Faculty shall have the power, upon special and sufficient cause shown, to grant a dispensation to any Student from attendance on any particular Course or Courses of Lectures, but no distinction shall, in consequence, be made between the Examinations of such Students and those of the Students regularly attending Lectures. No Student shall pass for the degree of B. C. L. unless he has prepared a Thesis either in French or English which shall have been approved by the Faculty.

12. The subject of such Thesis shall be left to the choice of the Student, but it must fall within the range of study of the Faculty, and shall not exceed twenty pages of thirty lines each. Each Student shall on or before the first day of February forward such Thesis to the Registrar of the Faculty, marked with the *nom de plume* which he shall adopt, and accompanied with a sealed envelope, bearing the same *nom de plume* on it, and containing inside, his name and the subject of his Thesis, and the envelope shall be opened in presence of the Faculty after the final decision shall be given on the respective merits of the several Theses.

13. The Elizabeth Torrance Gold Medal, in the Faculty of Law, shall be awarded to the Student who being of the Graduating Class, having passed the Final Examination, and having prepared a Thesis of sufficient merit in the estimation of the Faculty to entitle him to compete, shall take the highest marks in a special Examination for the medal, which examination shall include the subject of Roman Law.

14. Every Candidate before receiving the Degree of B. C. L. shall make the following declaration:

Ego A.B. polliceor, me, pro viribus meis, studiosum fore communis hujus Universitatis boni, operamque daturum ut decus ejus ac dignitatem amplificem, et officiis omnibus ad Baccalaureatus in Jure Civili gradum pertinentibus fungar.

15. The fees eligible in this Faculty are as follows:

Matriculation Fee .....	\$ 5 00
Sessional Fee by Ordinary Students .....	20 00
Sessional Fee by Occasional or Partial Students, for each course.....	5 00
Graduation Fee, including Diploma and Case .....	10 00

Matriculation and Sessional Fees must be paid on or before Nov. 1st, and if not so paid the name of the Student shall be removed from the books, but may be re-entered by consent of the Faculty, and on payment of a fine of not less than \$3. Students already on the books of the University shall not be required to pay any Matriculation Fee.

16. Every Candidate for the Degree of D.C.L. in Course, under Chap. VIII, Section 4, of the Statutes of the University, shall be required to pass within four years from his graduation as B.C.L., such examination as shall be prescribed by the regulations of the Faculty of Law; unless he shall have graduated as a B.A. of this University, either in Course or *ad eundem*. And not less than two months before proceeding to the Degree of D.C.L., the Candidate shall deliver to the Faculty of Law twenty-five printed copies of a Thesis or Treatise upon a subject selected or approved by the Faculty; such Thesis to contain not less than twenty-five octavo pages of printed matter, and possessing such a degree of literary and scientific merit as shall in the opinion of the Faculty justify them in recommending him for that Degree. And in addition to the foregoing qualifications, the Candidate shall pay to the Secretary of the Faculty annually during term, for the retention of his name on the books of the Faculty, during the said period of twelve years, a fee of two dollars, to be added to the Library fund of the Faculty.

Except as regards the Thesis, this regulation applies only to those who have taken the degree of B.C.L., subsequently to October, 1873. The examination under the above rule is as follows:—

(1) *International Law* :—

Phillimore; Wharton, Conflict of Laws; Fœlix, Droit International Privé.

(2) *Roman Law* :—

Gaii Commentarii, IV.; Pauli Sententiæ; Pomponii Fragmentum de origine juris D. 1. 2.; Novellæ Justiniani, cxviii. cxxvii.; Ortolan, Institutes de Justinien, Vol. I.; Mommsen's History of Rome.

(3) *Constitutional Law* :—

Hallam, Constitutional History of England; May, Constitutional History of England; Mill, Representative Government; The British North America Act, and cases thereunder.

(4) *Philosophy of Law* :—

Ahrens, Cours de Droit Naturel; Austin, Jurisprudence; Markby, Elements of Law; Maine, Ancient Law.

(5) *Droit Civil et Commercial* :—

Pothier, Obligations, Vente et Communauté; Marcadé, Obligations, Vente et Communauté; Pardessus, Droit Commercial.

The Examination will be written and oral; and translation from the Latin, French or English texts, as well as familiarity with the subject, will be required.



# University School Examinations.

1881.

UNDER THE SUPERINTENDENCE OF MCGILL UNIVERSITY, MONTREAL,  
AND THE UNIVERSITY OF BISHOP'S COLLEGE, LENNOXVILLE.

FOR CERTIFICATES OF THE UNIVERSITY AND THE TITLE OF  
ASSOCIATE IN ARTS.

These Examinations are held in Montreal and at Lennoxville, and local centres may be appointed elsewhere on application to the Principal of either University, accompanied with satisfactory guarantee for the payment of necessary expenses.

The Examinations are open to Boys or Girls, under 18 years of age, from any Canadian School, under the following regulations :

## *Subjects of Examination.*

1. These are divided into two Classes, (I) *Preliminary*, consisting of those in which every Candidate must pass ; and (II) *Optional*, consisting of those in which the Candidate may have a choice.

2. The Preliminary subjects, with their values severally, are :—

<i>English Reading</i> .....	30	<i>Marks</i>
<i>English Dictation</i> .....	40	do
<i>English Grammar</i> (as in Morell or Smith).....	50	do
<i>Arithmetic</i> (all the ordinary rules).....	90	do
<i>Geography</i> (acquaintance with the maps of each of the four Continents, and of British North America).....	50	do
<i>British History</i> (as in Collier), and <i>Canadian History</i> (as in Jeffers).....	50	do

The Candidates will also be examined in the Gospels, unless objection be made thereto by their parents or guardians, and creditable answering in the same will be mentioned in the Certificate.

Additional marks, not exceeding 20, may be allowed in the Dictation paper, for quality of handwriting.

No candidate can pass unless he shall have obtained at least *one-third* of the total number of marks in each of the above subjects, except Reading and Dictation, in which *two-thirds* will be required.

3. The Optional subjects are divided into three sections as follows :—

**(1) Languages.**

*Latin.*

Grammar.	}	150 marks.
Cicero, In Catilinam, Oratt. III. & IV.		
Virgil, Æneid, Bk. I., Vss. 1-304.		
Ovid, Fasti, Vss. 1-300.		

*Greek.*

Grammar.	}	150 do
Xenophon, Anabasis, Bk. V.		
Homer, Iliad, Bk. IV.		

*French.*

Grammar.	}	100 do
Extracts from Molière, in Darey's French Reader.		
Translation from English into French <sup>a</sup> (Vicar of Wakefield, chaps. 1 and 2.)		

*German.*

Grammar.	}	100 do
Adler's Reader, Section II.		
Translation from German into English.		

**(2) Mathematics, Natural Philosophy, &c.**

*Geometry.*

Euclid, I, II, III.....	150 do
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*Algebra.*

Elementary Rules, Involution, Evolution, Fractions, Simple Equations.	}	150 do

*Plane Trigonometry.*

Measurement of Angles, Trigonometrical Ratios of a single angle and of two angles, Complemental and Supplemental Angles, and the Solution of Right-angled Triangles.	}	100 do

*Natural Philosophy.*

Mechanics and Hydrostatics. (As in any ordinary School Text-Book.)	}	100 do

<i>Geometrical and Freehand Drawing</i> .....	100 do
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**(3) English.**

*The English Language.*

Philology (as in Smith's or Mason's Grammar and Peile's Primer).	}	100 do
Trench's Study of Words.		

*English Literature.*

English Literature, Primer by S. A. Brooke.	}	100 do
Scott's Lady of the Lake.		
Milton's Paradise Lost, Books 1 and 2.		

Additional Marks, not exceeding 50, may be allowed in the literature paper for quality of Composition.

*History*.—(As in Primers of Greece and Rome, and Collier's Great events). . . . . 100 marks.  
*Geography*.—Physical, Political and Commercial. . . . . 100 do

Instead of passing in one or more subjects of the English Section, Candidates may, if they prefer it, pass in one or more of the following subjects :—

#### (4) Natural Science.

*Zoology* (as in Nicholson's Introductory Text-Book.) . . . . . 100 do  
*Botany* (as in Gray's "How Plants Grow.") . . . . . 100 do  
*Geology* (as in Dana's Text Book.) . . . . . 100 do  
*Chemistry* (as in Miller's Introduction to Inorganic Chemistry.) . . . 100 do

#### *General Regulations.*

Every Candidate must pass in at least one, and not more than three, subjects in each of the Optional Sections.

No Candidate will be considered as having passed in any of the above Optional Subjects, unless he has obtained *at least one-third* of the total number of Marks obtainable in that subject.

Any Candidate who passes in more than one subject of any section, and who in at least one of those subjects obtains *more than half* the total number of Marks, will be entitled to a Certificate of creditable answering in that subject.

The total number of Marks gained by every Candidate, including both Preliminary and Optional Subjects, shall be added up, and the Candidates arranged in a printed list, at the close of the Examination, in the order of these totals. No Marks in any subject shall be counted unless the Candidate has gained at least the minimum number of Marks in that subject.

Candidates passing in at least two languages of Section 1st, one of them being Latin or Greek, shall receive Senior certificates. Candidates passing in any one Language of Section 1st, may receive Junior certificates. Candidates who have fulfilled the requirements for the Junior certificate, and have also taken at least half the Marks in Arithmetic, Geometry, and Algebra, and have passed in Trigonometry and in one Natural Science subject, or in two Modern Languages, shall be entitled to Senior certificates.

Candidates taking Senior Certificates shall be termed Associates in Arts.

Every Candidate shall present a certificate of character, and also a certificate from his parent or guardian that his age on the first day of the examination does not exceed eighteen years.

In the case of those who pass in Latin, Greek, English, Algebra and Geometry, the examination will be received as the Matriculation Examination in the Faculties of Arts of the two Universities. In the case of those who have passed in Geometry, Algebra and English, the examination will be received for Matriculation in the Faculty of Applied Science of McGill University.

Candidates who fail, or who may be prevented by illness from completing

their examinations, may come up at the next examination without extra fee, unless in the interval they have become disqualified by age, this disqualification not to apply in cases of illness duly certified by medical authority.

The Examinations will be held in the following order :—

1. *Preliminary Subjects*.—(May 18.) Geography ; Gospels. (19) English Grammar; Reading, Dictation ; (20) Arithmetic ; British and Canadian History.
2. *Optional Subjects*.—(May 23) Geometry ; French. (25) Latin, Natural Science. (26) Greek ; German. (27) English Literature ; History. (30) Algebra ; Natural Philosophy, Trigonometry. (31) English Language; Geography.

Hours of Examination, 9 a.m. and 2 p.m.

Lists of the names, ages, and Optional Subjects\* to be taken by the candidates, together with the fee of \$4, must be transmitted to the Secretary of McGill University on or before May 1st. (Blank forms and copies of the Regulations will be furnished on application.)

## Regulations for the Higher Examination of Women.

UNDER THE SUPERINTENDENCE OF MCGILL UNIVERSITY, MONTREAL,  
AND THE UNIVERSITY OF BISHOP'S COLLEGE, LENNOXVILLE.

Women over sixteen years of age, who have already received the Senior or Junior Certificates of the University, or who present certificates of education and examination accepted as equivalent by the Examiners, may enter on the following Examinations, and, on passing the same, shall be entitled to Certificates as Senior Associates in Arts.

The Examinations will be held at the same time and in the same manner with those for School Certificates, and local centres may be established on similar conditions.

The Examinations are divided into Imperative and Optional, as follows :—

### I. IMPERATIVE.

These subjects consist of the following groups, in each of which every candidate will be required to take at least one-third of the number of marks.

#### (a) *Latin or Greek, with History.*

##### *Latin and History.*—

Livy :—Book IX., Chaps. 1 to 25, inclusive.

Cicero :—Pro Murena.

Virgil :—Æneid, Book VI.

Latin Prose Composition.—Text-book :—Dr. Smith's *Principia Latina*, Parts IV. and V.

History of Rome.—Text-book :—Liddell's *History of Rome*.

—200 marks.

##### *Greek and History.*—

Homer :—*Odyssey*, Book XII.

Xenophon :—*Hellenics*, Book I.

Demosthenes :—*Philippics*, I. and II.

History of Greece.—Text-book :—Dr. Smith's *History of Greece*.

—200 marks.

Candidates may take either Greek or Latin.

#### (b) *Mathematics.*

Arithmetic.

Euclid, Bks. I. II. III. IV., Defs. of Bk V., Bk. VI., omitting Props. 27, 28, 29.

Algebra, inclusive of Surds, Quadratic Equations and Progressions.

Plane Trigonometry, including the measurement of Heights and Distances, with the nature and use of Logarithms.

———200 marks.

(In the last subject, Candidates are referred to Galbraith and Haughton's Trigonometry, or similar text-books.)

*(c) Logic and English.*

Logic, as in Whately's Logic, Book II. and III.

Anglo-Saxon, as in Shute's Manual.

Philology, as in Earle.

Green's Short History of the English People.

———200 marks.

## II. OPTIONAL.

In addition to the above, Candidates must pass in at least one, and not more than three, of the following subjects, creditable answering in which will be mentioned in their certificates :—

*(a) Chemistry.*

Inorganic, as in Wilson, with some knowledge of Chemical Manipulation.

*(b) Botany.*

As in Gray's Text-book, with some knowledge of Canadian Botany.

*(c) Mathematical Physics.*

Mechanics (Statics and Dynamics) ; Hydrostatics.

(Candidates are referred to Galbraith and Haughton's Mechanics and Hydrostatics, Hamblin Smith's Statics and Hydrostatics, or similar Text-books.)

*(d) Experimental Physics.*

Any two of the following :—Heat, Light, Electricity and Magnetism, Sound.

(Candidates will be expected to shew in the Examinations that they have made the experiments themselves or have seen them made. For range of study, Candidates are referred to Ganot's Elementary Treatise on Physics, translated by Atkinson.)

*(e) Biology and Geology.*

Classification of Animals and Plants, as in Dawson's Handbook and Gray's Text-book.

Geology, as in Dana's Manual.

Palæontology, as in Nicholson's Manual.

A practical knowledge of Minerals, Rocks and Fossils will be expected.

*(f) Mental Philosophy.*

Thomson's Outlines of the Laws of Thought.

Murray's Outline of Hamilton's Philosophy, Introduction and Part I. to the end of Chapter V.



*(g) English Literature and Ancient History.*

Chaucer—Prologue to Knight's Tale.

Shakspeare—Macbeth and Merchant of Venice.

Ancient History of the East—Lenormant and Chevallier, Vol. I., Books 1 and

2. Philip Smith's Manual.

History of Greece or Rome (if not taken in the Imperative), as in Smith and Liddell.

*(h) French Language and Literature, with Ancient History.*

French Syntax, as in De Fivas or Noel et Chapsal.

Molière, les Femmes savantes.

Racine, les Plaideurs.

Souvestre, un Philosophe sous les toits.

French Literature of the 17th and 18th centuries, as in Nisard, Précis de l'Histoire de la Littérature française.

Translation from English into French.

With History, as under (g).

*(i) German Language and Literature, with Ancient History.*

General Questions on Grammar (Schmidt's German Guide, Parts 1-3.)

Account of the Life and Principal Works of Goethe and Schiller, with a special study of Schiller's 'Maria Stuart.'

Adler's Progressive Reader, Nos. 5, 6, 8, 9, 12, 14 of Sec. IV.

Translation from English into German.

With History, as under (g).

*(k) Greek or Latin with History.*

If not taken in the Imperative part of the Examination.

In the Optional Subjects, the Examinations held under the Ladies' Educational Association of Montreal, when held by Professors or Examiners of either University, and certified in writing by them as equivalent to subjects stated above, may be accepted by the Examiners in any subject or portion of a subject.

In any of the Optional Subjects, Candidates must receive at least one-third of the marks in order to pass, and at least one half to receive mention of creditable answering.

(It is understood that the Optional Subjects will be reckoned as approximately of equal value.)

Successful Candidates will be arranged in the lists in the order of the aggregate of the marks which they have obtained in the whole of the Imperative Subjects and one only of the Optional.

The Fee for the Examination is eight dollars, and must be paid before the Examination. In case of failure, the Candidate may come up at the next Examination without additional fee.

Candidates are required to state in writing to the Secretary of either University the Optional Subject or Subjects in which they propose to be examined, at least one month before the date of the Examination.

## Extracts from the Regulations of the University.

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### REGULATIONS FOR AFFILIATED SCHOOLS.

1. Any High School, Academy or Collegiate Institute, sending up successful Candidates for the examinations for Associate in Arts, shall be recognized as an Affiliated School. But on any such School failing to send up Candidates at two successive examinations, the affiliation shall cease.

2. Any High School, Academy, or Collegiate Institute, may be admitted to affiliation by resolution of the Corporation, on application, provided that such application be accompanied with statements as to finances, teachers and course of study satisfactory to the Corporation, opportunity being also given to the Faculty of Arts and Faculty of Applied Science to make representation thereon.

3. The course of study at such Schools shall be such as would enable their pupils to pass the Matriculation Examination for the Second Year in Arts, or the Second Year in Applied Science, and returns of the course of study in each school shall be sent to the Corporation annually on or before the 1st January.

4. Any School so affiliated may apply to the Principal for copies of Matriculation papers in Arts or Applied Science, who shall thereupon endeavour to secure the services of a Sub-examiner, or Sub-examiners in the locality of the School, and shall send the examination papers under seal to such Sub-examiner or Sub-examiners. The answers when returned shall be handed to the Examiners of the Faculty concerned, and on their favourable report the Candidates shall be entered as Matriculated Students.

5. Any pupil of an affiliated School presenting a certificate of having passed through the course of such school and of having also passed the Matriculation Examination of any University sanctioned by regulation of the Faculty of Arts or the Faculty of Applied Science, approved by the Corporation, may be matriculated in either Faculty without further examination.

6. Under the above regulations no Candidate shall be admitted to any standing higher than that of entrance into the Second Year of Arts or of Applied Science.

7. No expense shall be incurred in Local Examinations, beyond that of Examination papers and postage, and all Students entering from affiliated Schools shall pay the usual matriculation fee.

8. In event of any affiliated School sending up three successful Candidates for Matriculation in Arts, the Candidate who passes the best examination shall be entitled to an exemption from fees to the amount of \$20 annually while

attending McGill College, and for every additional three Candidates an additional exemption shall be given. In case the Candidates are examined by the University Examiners the above exemptions shall be given on their reports, otherwise on certificate of the Schools.

#### AFFILIATED SCHOOLS.

The following are recognized as Affiliated Schools, under the above Regulations.

Prince of Wales College, Charlottetown, P. E. I.  
 Collegiate Institute, Hamilton, Ontario.  
 Canadian Literary Institute, Woodstock, Ontario.  
 The High School of Montreal.  
 The Bishops' College School, Lennoxville, Q.  
 The Girls' High School, Montreal.  
 The Lachute College.  
 The Dunham Academy.

#### ACADEMIC DRESS.

1. Undergraduates shall wear a plain black stuff gown, with round sleeve looped up at the elbow.

2. Bachelor of Arts:—black gown of Prince's stuff, with full sleeve looped at elbow, and terminating in a point:—hood, black, lined with fur, and edged  $1\frac{1}{2}$  inch deep with crimson.

3. Bachelor of Applied Science:—the same gown as Bachelors of Arts:—hood, rich mauve, lined with rabbit skin.

4. Master of Arts:—black gown, as above, with long sleeve with semi-circular cut at the bottom:—hood, black silk lined with crimson, and edged  $1\frac{1}{2}$  inch deep with white.

5. Master of Engineering and Master of Applied Science:—same gown as Masters of Arts:—hood, rich mauve, lined with white silk.

6. Bachelor of Civil Law:—black silk gown ornamented on sleeves and front edgings:—hood, lilac silk, lined with white silk, edged  $1\frac{1}{2}$  inch deep with crimson.

7. Doctor of Civil Law:—for undress, the same gown as the Bachelor of Civil Law:—hood, scarlet cloth, lined with pink silk, and edged  $1\frac{1}{2}$  inch deep with black velvet.

8. Doctor of Laws:—for undress, the same gown as the Master of Arts:—hood, scarlet cloth, lined with pink silk, and edged  $1\frac{1}{2}$  inch deep with white satin.

9. Doctor of Medicine:—same gown as the Doctor of Civil Law, but no ornament on sleeves or front:—hood, scarlet cloth, lined with pink silk and edged with purple.

10. Doctors of Divinity:—black silk gown with full bag sleeve:—hood, scarlet cloth, lined with the same.

11. Doctors of Laws, Doctors of Civil Law, and Doctors of Medicine shall be entitled to wear a scarlet robe similar to that of the University of Cambridge, for full dress at Convocations.

## GENERAL UNIVERSITY MEETINGS AND OTHER MEETINGS IN UNIVERSITY BUILDINGS.

1.—In the case of all General Meetings appointed by the University, the Principal, or, in his absence, the Vice-Principal, shall have power to make such arrangements and to secure such assistance as he may deem necessary for the preservation of order, subject to the approval of the Governors as to any expense that may be involved.

2.—The Principal may, if necessary, call upon the Deans of the several Faculties, or, in their absence, any of the Professors of such Faculties, to co-operate with him in the preservation of order.

3.—In case of any disorder at such meetings, the Principal and the Deans of the Faculties shall form a court of inquiry to ascertain the offenders; and they may either remit the dealing with such offenders to the Faculties to which they belong, or may report to the Corporation.

4.—The use of any building or room of the University shall not be granted by the Principal or Faculties to Societies not consisting wholly of members of the University, or to persons not being members of the University, or for purposes not connected with the objects of the University, except by special vote of the Corporation.

5.—In case of the use of any room or building being desired for any special meeting or for the regular meetings of any University Society, the application shall be made in writing to the Principal and to the Dean of the Faculty ordinarily using or having charge of the room or building, and shall be signed by at least three members of the University, who shall be held responsible for the character and order of such meeting or meetings, and shall make such provision as may be required by the Principal or the Faculty, in the interest of the University, for the character and order of such meeting or meetings, for the conduct of visitors admitted thereto, and for the expenses involved.

[Copies of the Regulations in full may be obtained on application to the Secretary of the University.]

McGill Normal School.

1880-81.

GOVERNMENT OF THE SCHOOL.

Under the Regulations for the establishment of Normal Schools in the Province of Quebec, the Superintendent of Education is empowered to associate with himself, for the direction of one of these Schools, the Corporation of McGill University, Montreal. In accordance with this arrangement, the Provincial Protestant Normal School is affiliated with the McGill University, and the following members of the Corporation of the University constitute the Committee of the Normal School for the Session of 1880-81.

NORMAL SCHOOL COMMITTEE.

J. W. DAWSON, LL.D., F.R.S., Vice-Chancellor of the University,  
*Chairman.*

HON. JAMES FERRIER, Senator,  
PETER REDPATH, ESQ., } Governors of McGill College.

REV. GEORGE CORNISH, LL.D.	}	Fellows of McGill University.
ROBERT A. RAMSAY, M.A., B.C.L.		

WILLIAM CRAIG BAYNES, B.A., *Secretary.*

## OFFICERS OF INSTRUCTION.

WILLIAM HENRY HICKS, ESQ.—*Principal and Ordinary Professor  
of English Language and Literature.*

JAMES MCGREGOR, LL.D.—*Ordinary Professor of Mathematics, and Instructor in Classics.*

SAMPSON PAUL ROBINS, LL.D.—*Associate Professor of Natural History.* (\*)

PIERRE J. DAREY, M.A., B.C.L.—*Associate Professor of French.*

MR. HARRINGTON BIRD.—*Instructor in Drawing.*

\* Prof. Robins will also deliver lectures on the Art of Teaching to the Elementary Class.

MR. R. J. FOWLER.—*Instructor in Music.*

MR. JOHN ANDREW—. “ *in Elocution.*

J. BAKER EDWARDS, Ph.D.—*Lecturer on Chemistry and Natural Philosophy.* (†)

FRANK W. HICKS, M.A.—*Assistant Professor of History and English Language and Literature.*

#### ANNOUNCEMENT FOR NEXT SESSION.

This institution is intended to give a thorough training to teachers, especially for the Protestant population of the Province of Quebec. This end is attained by instruction and training in the Normal School itself, and by practice in the Model Schools; and the arrangements are of such a character as to afford the greatest possible facilities to Students from all parts of the Province.

The Twenty-fourth Session of this School will commence on the first of September, 1880, and will terminate on the first of July, 1881.

The complete course of Study extends over three years, and the Students are graded as follows:—

1. *Elementary School Class.*—Studying for the Elementary School Diploma.
2. *Model School Class.*—Studying for the Model School Diploma.
3. *Academy Class.*—Studying for the Academy Diploma.

#### 1. *Conditions of Admission and obtaining Diplomas.*

Candidates for admission into the Elementary School Class will be required to pass an examination in Reading, Writing, the Elements of Grammar, Arithmetic, and Geography; and to produce the certificate, and sign the application, referred to in Articles 1 and 2 of the Regulations. Admission into each of the higher classes requires a knowledge of the subjects of the previous one.

Associates in Arts of the University may be admitted into the Elementary and Model School Classes without examination, provided that they have passed in Geometry, Algebra and French.

† Dr. Edwards will also lecture on Agricultural Chemistry.



In the Examinations for entrance into the Academy Class, the Principal may allow exemptions to Associates in Arts for such subjects as in the examinations for that certificate they may have passed in with credit.

Each Student must produce a certificate of good moral character from the clergyman or minister of religion under whose charge he has last been, and also testimony that he has attained the age of sixteen years. He will also be required to sign a pledge that he purposes to teach for three years in some Public School in the Province of Quebec.

There will be a Semi-sessional Examination at Christmas, which all Students are required to pass, in order to continue in the classes.

At the close of the first year of Study, students may apply for examination for diplomas giving the right to teach in Elementary Schools; and after two years' study, or if found qualified at the close of the first year, they will, on examination, be entitled to diplomas as teachers of Model Schools.

Students having passed the examination for the Model School Diploma, with creditable marks in Classics and Mathematics, or having otherwise advanced to the requisite knowledge, may go on to the Academy Class, and, on examination, may obtain the Academy Diploma.

## 2. *Privileges of Students.*

On complying with the above conditions, all students will be recognized as *Teachers-in-training*; and as such will be entitled to free tuition with the use of text books, and to bursaries in aid of their board, not exceeding \$36.00 per annum in the case of those in the two first Classes, or \$80.00 in the case of those in the Academy Class should they be successful in obtaining the diploma at the final examination. A portion of this allowance will be advanced to such students as are not resident in Montreal, on their passing the semi-sessional examination at Christmas.

Under the regulations subjoined, and with the view of extending the benefits of the School to all parts of the country, those who reside at a distance of more than ninety miles from the city of Montreal will also be entitled to a small allowance for travelling expenses, proportionate to the distance.

Students resident in Montreal may share in the bursary fund, on producing certificates from their ministers or clergymen that such aid is absolutely necessary to their continuing in attendance at the school.

In addition to religious instruction of a general Protestant character by the Professors, arrangements will be made for special religious instruction by ministers representing the several denominations with which the students may be connected.

No boarding-house is attached to the institution, but every care will be taken to insure the comfort and good conduct of the students, in private boarding houses approved by the Principal. Board can be obtained at from \$10 to \$14 per month.

*The Prince of Wales Medal and Prize* will be given to the Student taking the highest place in the Model School Class, provided that such Student shall attain to the standard fixed by the Regulations of the Council of Public Instruction for this Medal.

*The Marquis of Lorne Medal* will be given to the student taking the highest place in the Classical and Mathematical subjects to the Academy class, and passing creditably in the other subjects.

*The J. C. Wilson Prize* of \$40 and a Book, contributed by him as a former Student of the School, will be offered for competition to the candidates for the Elementary Diploma, and will be given for the highest aggregate number of marks.

All the preceding regulations and privileges apply to female as well as to male students.

Persons holding the degree of B. A. or M. A. of any University in the Province of Quebec, may receive the Academy Diploma, on passing an examination in the art of teaching, and in such other subjects necessary to the Academy Diploma, as may not have been included in their University Examinations.

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### 3. *Course of Study.*

#### 1. ELEMENTARY SCHOOL CLASS, STUDYING FOR THE ELEMENTARY SCHOOL DIPLOMA.

With the view of accommodating those who may be unable to enter at the commencement of the Session, or whose previous edu-

cation may enable them to enter at a more advanced period, the course of study in this class is divided into terms, as follows :—

FIRST TERM, from September 1st to December 26th.

*(Entrance examination as stated above.)*

*English.*—Grammar and Composition ; so far as to parse syntactically and write correctly a few short descriptive sentences (Text-Books, Bullion's Grammar and Parker's Progressive Lessons) ; Reading and Spelling, Etymology, Penmanship, Elocution.

*Geography.*—So far as to have a good acquaintance with the Map of the World.

*History.*—Outline of Sacred and Ancient History.—History of Canada. Text-Books, White and Hodgins.

*Arithmetic.*—Simple and Compound rules, Properties of Numbers, Scales of Notation. Text-Book, Sangster's Arithmetic.

*Algebra.*—The Elementary rules as in Todhunter's Algebra.

*Geometry.*—First Book of Euclid.

*Art of Teaching.*—The Physical, Mental and Moral Constitution of Children.

*Physics.*—The Chief Forces of Nature, Properties and States of Bodies, Solids, Liquids and Gases.

*French.*—Elements of Grammar, easy reading and translation. Text-Books, Student's Companion to the study of French. Darey, Lectures francaises.

*Natural History.*—Botany as in Gray's Text-Book.

*Drawing.*—Elements and simple outlines.

*Music.*—Vocal Music with Part Songs.

SECOND TERM. January 1st to April 1st.

*(Pupils entering at the commencement of this term will be expected to pass a satisfactory examination in the subjects of the previous term.)*

*English.*—Grammar and Composition, so far as to be able to analyse simple and complex sentences, and to write correctly a short essay on a familiar subject.—Elocution continued.

*Geography.*—So far as a good acquaintance with the physical features and political divisions of the great continents.

*History.*—England and France. Ancient History.

*Arithmetic.*—Vulgar Fractions. Proportion and Per-centage.

*Algebra.*—Simple Equations.

*Geometry.*—Second Book of Euclid.

*Art of Teaching.*—General Methods of Education.

*Physics*.—Motion. Vibration. Heat and Light.

*French*.—Grammar continued; including Reading, Translation, Oral and Written Exercises.

*Natural History*.—Continued.

*Drawing*.—Landscape, etc., in Pencil.

*Music*.—Elements of Vocal Music, and Part Songs.

THIRD TERM. April 1st to July 1st.

*(Pupils entering at the commencement of this term will be expected to pass a satisfactory examination in the subjects of the previous terms.)*

*English*.—Advanced Lessons, Grammar, and Composition, Elocution continued.

*Geography and History*.—Advanced Lessons, with use of Globes, and recapitulation of previous parts of the course.

*Arithmetic*.—As applied to Mensuration; and general recapitulation.

*Book-keeping*.—First principles.

*Algebra*.—Simple Equations of two and three unknown quantities.

*Geometry*.—Recapitulation and Deductions.

*Art of Teaching*.—School arrangements.

*Elementary Chemistry*.—Elements and Constituents of Soils.

*French, Natural History, Drawing and Music*.—Continued as in the previous term.

*Religious Instruction* will be given throughout the Session.

## 2. MODEL SCHOOL CLASS, STUDYING FOR THE MODEL SCHOOL DIPLOMA.

*(Students entering this Class must have passed a satisfactory examination in the subjects of the Elementary School Class. The Class will pursue its studies throughout the Session, without any definite division into terms.)*

*English*.—Principles of Grammar and Composition, Style. History of the English Language. Lectures on English Literature. Elocution.

*Geography*.—Mathematical, with Nautical Problems. Detailed course of Political and Physical Geography.

*History*.—Mediæval and Modern, with special reference to the History of Literature, Science and Art, and Colonization and Commerce.

*Education*.—Advanced course of Lectures on Educational Subjects.

*Arithmetic*.—Logarithmic, Algebraic and Geometric Arithmetic, Recapitulation of Commercial Arithmetic and Book-keeping.

*Algebra*.—Quadratic Equations. Ratios and Progression. Theorem of Undetermined Coefficients, and Binomial Theorem.

*Geometry*.—Third, Fourth and Sixth Books of Euclid. Application to Mensuration.

*Object Lessons*.

*Chemistry and Natural Philosophy*.—Affinity, Laws of Combination, Principal groups of Salts, Electricity and Electrolysis, Mechanical Physics.

*Classics*.—Elements of the Latin Language, as in Bryce's 1st Latin Reader.

*French*.—Student's Companion. Translation from French into English, and from English into French ; Darey, Lectures francaises.

*Agricultural Chemistry*.—Principles, and application to Canadian Agriculture.

*Drawing*.—Figures from the Flat and from Models. Elements of Perspective.

*Music*.—Instrumental Music, Part Songs, and Rudiments of Harmony.

*Religious Instruction* throughout the Session.

### 3. ACADEMY CLASS, STUDYING FOR THE ACADEMY DIPLOMA.

(Students entering this Class must have passed a creditable examination in the subjects preparatory to the Course of Study.)

*English Literature*.—An advanced course.

*History and Geography*.

*Logic and Ethics*.—As in Abercrombie's Intellectual and Moral Philosophy.

*Mathematics*.—Trigonometry. Solid Geometry and Mechanics :—Galbraith and Haughton.

*Latin*.—Sallust, Catiline ; Virgil, *Æneid*, Book VI. ; Latin Prose Composition, Roman History.

*Greek*.—New Testament, John's Gospel ; Xenophon, *Anabasis* B. I. ; Grammar and History.

*Botany*.—As in Gray's Text-Book.

*French*.—Conversation in French. French Literature. Poitevin's French Grammar, Racine and Molière.

*Elocution*.

*Drawing*.

Education and object Lessons. In the case of students who have not already attended the lectures in these subjects.

## EXTRACTS FROM THE REGULATIONS.

*Special Regulations for the admission of Teachers-in-training.*

Article First.—Any person desirous of being admitted as a Teacher-in-training must apply to the Principal of the Normal School, who, on his producing an extract from the Register of Baptisms, or other evidence, showing that he is full sixteen years of age, with the certificate of character and conduct required by the 6th article of the General Rules and Regulations, approved by His Excellency the Governor-General in Council, on the 22nd December, 1856, shall examine the candidate.

If upon his examination it is found that the candidate can read and write sufficiently well, knows the Rudiments of Grammar in his mother tongue, Arithmetic as far as the rule of three inclusively, and has some knowledge of Geography, the Principal shall grant him a certificate.

Article Second.—The candidate having thus obtained the certificate of the Principal, shall then (in the presence of two witnesses, who, with the Principal, shall countersign the same) sign an application in writing for admission, containing the declaration required by the 23rd general regulation. This shall be forwarded to the Superintendent of Education, together with all the certificates and other documents required, and if the whole be found correct, the Superintendent shall cause the name of the candidate to be inscribed in the Register, and notice thereof shall be given to the Principal.

Article Third.—The teachers-in-training shall state the place of their residence; and those who cannot reside with their parents will be permitted to live in boarding-houses, but in such only as shall be specially approved of. No boarding-houses having permission to board male teachers-in-training will be permitted to receive female teachers-in training as boarders, and *vice versa*.

Article Fourth.—Every teacher-in-training, on passing the examination, will be allowed a sum not exceeding \$36 to assist in paying his board: (\*)

Article Fifth.—Every teacher-in-training residing at a distance of more than ninety miles from the City of Montreal, shall be entitled to receive an allowance for travelling expenses proportionate to the distance, but not to exceed ten dollars *per annum*.

Article Sixth.—The total amount of allowances paid to teachers-in-training under the foregoing articles shall not exceed \$1,333.33 currency, yearly—that being the sum granted for that object; and when the whole of this amount is appropriated, such teachers-in-training as may apply for admission shall not be entitled to any portion thereof until vacancies shall occur.

*Special Regulations for Government and Discipline.*

Article First.—Teachers-in-training guilty of drunkenness, of frequenting

\* Except in the case of Teachers-in-training for the Academy Diploma, who may receive a sum not exceeding \$80.



taverns, of entering disorderly houses or gambling houses, or keeping company with disorderly persons, or committing any act of immorality or insubordination, shall be expelled.

Article Second.—There shall be no intercourse between the male and female Teachers-in-training while in School, or when going to, or returning from it. Teachers of one sex are strictly prohibited from visiting those of the other.

Article Third.—They are on no account to be absent from their lodgings after half-past nine o'clock in the evening.

Article Fourth.—They will be allowed to attend such lectures and public meetings only as may be considered by the Principal conducive to their moral and mental improvement.

Article Fifth.—Proprietors of boarding-houses authorized by the Principal shall report to him any infraction of the rules with which they may have become acquainted.

Article Sixth.—The Professors shall have the power of excluding from the lectures, for a time, any student who may be inattentive to his studies, or guilty of any minor infraction of the regulations.

Article Seventh.—Teachers-in-training will be required to state with what religious denomination they are connected; and a list of the Students connected with each denomination shall be furnished to one of the Ministers of such denomination resident in Montreal, with request that he will meet weekly with that portion of the Teachers-in-training, or otherwise provide for their religious instruction. Every Thursday after four o'clock will be assigned for this purpose.

Article Eighth.—In addition to punctual attendance at weekly religious instruction, each student will be required to attend public worship at his own church, at least every Sunday.

Intending students may obtain all necessary information on application to the Principal or either of the Professors.

## MODEL SCHOOLS OF MCGILL NORMAL SCHOOL.

Head Teacher of Boys' School—Frank W. Hicks, M.A.

“ “ Girls' School—Jane A. Swallow.

“ “ Primary School—Lucy H. Derick.

These Schools can accommodate about 300 pupils, are supplied with the best furniture and apparatus, and conducted on the most modern methods of teaching. They receive pupils from the age of six and upwards, and give a thorough English Education. Fees. Boys' and Girls' Model Schools, 25c. to 40c. per week; Primary School, 15c.; payable weekly.

# Time Table of McGill Normal School.

SESSION 1880-81.

## ELEMENTARY SCHOOL CLASS.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Model School. Gymnastics.	Arithmetic. Algebra & Geometry. Writing.	Model School.	Arithmetic. Algebra. Geometry.	Model School. Gymnastics.	Elocution. Drawing. Singing.
10						
11						
1	Geography. French. History. Botany.	Model School. Elocution. Nat. Philosophy.	Geography. English Literature. French. Composition.	Model School. Elocution. Religious Instruction.	Grammar. French. Art of Teaching. History.	
2						
3						
4						

## MODEL SCHOOL CLASS.

9	Arithmetic. Latin. English Literature.	Model School.	Algebra. Latin. Singing.	Model School.	Geometry. Arith. & Algebra.	Drawing. Elocution. Singing.
10						
11						
1	Chemistry. Elocution. French.	Education. Grammar. History.	French. Object Lessons.	Agricultural Chem'y Geography. Composition. Religious Instruction.	Model School. 2½ Elocution. 3 French.	
2						
3						
4						

## ACADEMY CLASS.

9	Model School.	Model School.	Latin.	Model School. Greek.	Latin.	Drawing. Elocution. Practical Chem'y.
10						
11						
1	Mathematics. Elocution. French.	Geography. History.	Mathematics. Object Lessons.	Composition. Religious Instruction.	Latin Mental Philosophy. French.	
2						
3						
4						

# Passed the University Examinations.

SESSION 1879-1880.

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## FACULTY OF LAW.

PASSED FOR THE DEGREE OF B.C.L.

Albert W. Atwater.  
Kutusoff N. McFee.  
Engene Lafleur.  
Robert S. Weir.  
J. G. Aylwin Creighton.  
W. Prescott Sharp.  
John McKercher.  
Joseph P. Cooke.  
Camille Madore.  
Alfred L. DeBeaumont.  
Jean Baptiste Laplante.  
Wm. McLennan.  
Joseph E. Austin.

Charles L. DeMartigny.  
Henry R. Hammond  
Joseph Painchaud.  
François O. Dugas.  
William B. S. Reddy.  
Henri A. Goyette.  
Pierre J. Doré.  
Jean B. S. Biron.  
J. C. Alguire.  
James W. Brakenridge.\*  
Herbert S. Hunter.\*  
Joseph B. Berthelot.\*

\* Degree granted but not conferred.

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## FACULTY OF MEDICINE.

PASSED FOR THE DEGREE OF M.D., C.M.

(Arranged Alphabetically.)

Ayer, Nehemiah, B.A.  
Church, F. W.  
Calahan, James.  
Cowley, D. K.  
Dibblee, G. O.  
Edwards, T. S.  
Heard, C. de W., M.A.  
Henderson, And.  
Inksetter, D. G.  
Logan, Robert  
McLaren, D. C., B.A.  
McKenzie, B. E., B.A.  
McEachran, Wm.  
Macdonald R. C.  
McDonald, J. A.

McNulty, M.  
Maas, R. J.  
Mignault, L. D., B.A.  
O'Callaghan, T. A., B.A.  
Pinsonneault, B.  
Pringle, A. F.  
Poole, H. E.  
Pulford, F. W.  
Riordan, B. L.  
Ruttan, A. M.  
Ross, G. T.  
Stewart, J. O.  
Small, H. B.  
Smiley, J.  
Stevenson, Hans.

## PASSED THE PRIMARY EXAMINATIONS.

Burland, B. W.  
 Campbell, Lorne.  
 Christie, Edmund.  
 Cormack, Wm.  
 Carson, J. H.  
 Dawson, Rankine, B.A.  
 Dunlop, A. H.  
 Duncan, W. T.  
 Grant, J. A., B.A.  
 Gordon, Chas. M.  
 Harvie, J. B.  
 Houston, D. W.  
 Hurdman, B. F. W.  
 Klock, R. H.  
 Lunam, H., B.A.  
 McDonald, A.  
 McLean, T. M.  
 McNulty, Michael.

Mewburn, F. H.  
 Moore, William.  
 O'Keefe, H.  
 Ogden, H. V., B.A.  
 Poole, H. E.  
 Reynolds, T. W.  
 Ross, James, B.A.  
 Shaver, W. H.  
 Struthers, A. D.  
 Shaw, Alex.  
 Stephen, Wm.  
 Shank, J. C.  
 Shufelt, W. A.  
 Thornton, H. W., B.A.  
 Trueman, J. E.  
 Vanier, Philias.  
 Wagner, G. C.  
 Williams, Joseph.

## FACULTY OF ARTS.

## PASSED FOR THE DEGREE OF B.A.

*La Honours.*

(Alphabetically Arranged.)

*First Rank.*—BULL, HARCOURT J.

CURRIE, DOUGALD.

DAREY, J. HERBERT.

LAFLEUR, PAUL T.

MOLSON, CHARLES A.

*Second Rank.*—CRAIG, JAMES A.

CUNNINGHAM, THOMAS E.

ROBERTS, GEORGE F.

*Ordinary.*

(In order of Merit.)

(1) *McGill College.**Class I.*—KEAYS, CHARLES H.*Class II.*—RAYNES, CHARLES.

OGILVIE, ARCHIBALD.

PILLSBURY, CARROLL, E.

SCRIVER, CHARLES W.

ALLEN, FRANK A.

LARIVIERE, VITALIEN.

BAYNE, GEORGE D.

*Class III.*—MUIR, ANDREW C.

KLOCK, ROBERT A.

BENNETT, JAMES.

MERCER, WALTER D.

(2) *Morrin College.**Class I.*—HEMMING, HENRY.*Class II.*—None.*Class III.*—WALKER, JOHN.

FERGUSON, JAMES D.

## PASSED THE INTERMEDIATE EXAMINATION.

(1) *McGill College.**Class I.*—FRY, HAGUE, RIELLE, ROGERS.*Class II.*—PARENT, TRENHOLME, WHILLANS, SMITH, MCKILLOP, MACKAY.*Class III.*—LAFLEUR, MORIN, MARTIN, THOMAS, WALKER, BARRON, STIRLING.(2) *Morrin College.**Class I.*—None.*Class II.*—HEWITT.*Class III.*—None.(3) *St. Francis College.**Class I.*—None.*Class II.*—BROWN.*Class III.*—DUFFETT.

## BACHELORS OF ARTS PROCEEDING TO THE DEGREE OF M. A. IN COURSE.

WARD, GEORGE B., B.A.

LYMAN, HENRY H., B.A.

AMARON, CALVIN E., B.A.

FORNERET, GEORGE H., B.A.

## MASTERS OF ARTS PROCEEDING TO THE DEGREE OF LL.D. IN COURSE.

ROBINS, SAMPSON P., M.A.

MORRISON, JAMES D., M.A.

MCGREGOR, JAMES, M.A.

# Scholarships and Exhibitions.

SESSION 1879-80.

## I.—SCHOLARSHIPS (Tenable for Two Years).

Year of Commencement.	Name of Scholar.	Subject of Examination.	Annual Value.	Founder and Donor.
1878	Currie, Dugald.	Science.	\$125	W. C. MacDonald, Esq.
1878	Lafleur, Paul T.	Class. & Mod. Lan	125	W. C. MacDonald, Esq.
1878	Darey, J. Herb't.	Class. & Mod. Lan	120	Chas. Alexander, Esq.
1879	Ferguson, W. A.	Science (Matheml.)	125	W. C. MacDonald, Esq.
1879	Ami, Henry M.	Science (Nat. Sc.)	125	W. C. MacDonald, Esq.
1879	Falconer, Alex.	Class. & Mod. Lan	125	W. C. MacDonald, Esq.
1879	Tucker, John W.	Class. & Mod. Lan	125	W. C. MacDonald, Esq.

## II.—EXHIBITIONS (Tenable for One Year).

Name of Exhibitioner.	Academic Year.	Annual Value.	Founder or Donor.
Hague, Henry J. ....	Second Year.	\$125	W. C. MacDonald, Esq.
Lafleur, Henri A. ....	"	125	W. C. MacDonald, Esq.
Fry, Henry. ....	"	100	Mrs. Jane Redpath.
Cameron, John D. ....	First	125	W. C. MacDonald, Esq.
Hunter, Walter. ....	"	125	W. C. MacDonald, Esq.
Brown, J. G. Williston. ....	"	100	Governors.

*Anne Molson Mathematical Prize.* (Awarded at Mathematical Scholarship Examination,

Weeks (William A.)



# Prizes, Honours and Standing.

Session 1879-80.

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## FACULTY OF LAW.

### GRADUATING CLASS.

ELIZABETH TORRANCE MEDAL.—ALBERT W. ATWATER.

ELIZABETH TORRANCE PRIZE.—KUTUSOFF N. McFEE.

Prize for best Thesis.—J. S. A. CREIGHTON.

*Passed with First Rank Honours.*—ATWATER, McFEE, LAFLEUR, WEIR, CREIGHTON,  
SHARP, MCKERCHER.

*Second Rank Honours.*—COOK, MADORE.

(For Third Year's Students passed for the Degree, see Graduating Lists.)

### *Standing in the Several Classes.*

INTERNATIONAL LAW.—PROFESSOR KERR.

First, ATWATER, Professor's Prize.

Second, LAFLEUR.

ROMAN LAW.—PROFESSOR TRENHOLME.

First, McFEE.

Second, ATWATER.

CRIMINAL PROCEDURE.—PROFESSOR ARCHIBALD.

First, LAFLEUR, ATWATER and McFEE, equal.

Second, CREIGHTON.

LEGAL HISTORY.—PROFESSOR LAREAU.

First, McFEE and ATWATER, equal.

Second, LAFLEUR.

CIVIL PROCEDURE.—PROFESSOR HUTCHINSON.

First, McFEE.

Second, COOKE, LAFLEUR and ATWATER, equal.

CIVIL LAW.—PROFESSOR ROBIDOUX.

First, WEIR, ATWATER, and LAFLEUR, equal.

Second, McFEE.

### SECOND YEAR.

*Prize for General Proficiency.*—WILLIAM A. WEIR.

*Second Prize.*—ALLAN R. OUGHTRED.

*Honours of First Rank.*—WEIR, OUGHTRED, SMITH, LIGHTHALL, CROSS.

*Honours of Second Rank.*—AYLMER, SJOSTROM, LYMAN.

*Passed the Sessional Examinations.*—WILLIAM A. WEIR, ALLAN R. OUGHTRED, ROBT. C. SMITH, WILLIAM D. LIDTHALL, ALEXANDER CROSS, HON. HENRY AYLMER, PAUL R. G. SJOSTROM, ALBERT C. LYMAN, WILLIAM W. REDPATH, EDMUND M. McMAHON, ALLEN G. INGALLS, EDMUND W. P. GUERIN, DONALD DOWNIE, GEORGE G. FOSTER, CHARLES RAYNES, JOSEPH L. FORSTER, ALEXANDER C. RUTHERFORD, CAMPBELL LANE, ANTOINE A. GAUTHIER, RICHMOND L. DE MARTIGNY.

*Standing in the Several Classes.*

INTERNATIONAL LAW.—PROFESSOR KERR.

First, WEIR.

Second, CREIGHTON.

ROMAN LAW.—PROFESSOR TRENHOLME.

First, OUGHTRED.

Second, LIDTHALL.

CRIMINAL PROCEDURE.—PROFESSOR ARCHIBALD.

First, McMAHON and WEIR, equal.

Second, CROSS and OUGHTRED, equal.

LEGAL HISTORY.—PROFESSOR LAREAU.

First, GUERIN and WEIR, equal.

Second, INGALLS.

CIVIL PROCEDURE.—PROFESSOR HUTCHINSON.

First, WEIR.

Second, CROSS.

CIVIL LAW.—PROFESSOR ROBIDOUX.

First, WEIR.

Second, OUGHTRED.

FIRST YEAR.

*Prize for General Proficiency.*—GEORGE C. WRIGHT.

*Second Prize.*—FRANK WEIR.

*Honours of First Rank.*—WRIGHT, WEIR, GOLDSTEIN, MORGAN, McDONALD, BARNARD, SCRIVER, LEFEBVRE, KLOCK, WHITE.

*Honours of Second Rank.*—CROSS, JOLIFFE, RENAUD, WEEKS.

*Passed the Sessional Examinations.*—GEORGE C. WRIGHT, FRANK WEIR, MAXWELL GOLDSTEIN, EDWARD A. D. MORGAN, HECTOR C. McDONALD, ARCHIBALD E. BARNARD, CHARLES W. SCRIVER, TOUSSAINT Z. LEFEBVRE, ROBERT A. KLOCK, WILLIAM J. WHITE, PIERRE N. RENAUD, WILLIAM H. CROSS, WILLIAM A. WEEKS, WILLIAM J. JOLIFFE, GEORGE R. LIDTHALL, EZRA F. HIPPLE, GEORGE A. BROOKE, JOSEPH A. DAGENAIS, JOHN T. DUHIG, ALFRED L. GUERTIN, ALFRED C. GIRARD.

*Standing in the Several Classes.*

## ROMAN LAW.—PROFESSOR TRENHOLME.

First, WRIGHT.

Second, LEFEBVRE.

## CRIMINAL LAW.—PROFESSOR ARCHIBALD.

First, WEIR.

Second, WHITE.

## LEGAL HISTORY.—PROFESSOR LAREAU.

First, MORGAN and WEIR, equal.

Second, McDONALD.

## CIVIL PROCEDURE.—PROFESSOR HUTCHINSON.

First, WRIGHT.

Second, GOLDSTEIN.

## CIVIL LAW.—PROFESSOR ROBIDOUX.

First, RENAUD.

Second, WRIGHT.

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## FACULTY OF MEDICINE.

HOLMES GOLD MEDAL.—JOHN A. McDONALD, of Panmure, P.E.I.

*The Prize for the Final Examination.*—HENRY B. SMALL, of Ottawa.*The Prize for the Primary Examination.*—JAMES ROSS, B.A., Dewittville, Q.*The Sutherland Gold Medal.*—H. W. THORNTON, B.A., Montreal.*Students deserving honorable mention.*

In the Final Examination, Messrs. STEVENSON, HENDERSON and MIGNAULT, B. A.

In the Primary Examination, Messrs. H. V. OGDEN, B.A., R. DAWSON, B.A.,  
W. MOORE, H. W. THORNTON, B.A., and T. W. REYNOLDS.*Professors' Prizes.*BOTANY.—First Prize, C. E. CAMERON, of Montreal, and J. GREY, Brucefield, Ont.,  
equal.PRACTICAL ANATOMY.—Demonstrator's Prize, awarded to JAMES ROSS, B.A., Dewitt-  
ville, Q.(For other Lists, see under heading "Faculty of Medicine," p. 88.)  

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## FACULTY OF ARTS.

## GRADUATING CLASS.

*B.A. Honours in Classics.*

DAREY, J. HERBERT.—First Rank Honours and Henry Chapman Gold Medal.

*B.A. Honours in Natural Science.*

MOLSON, CHARLES A.—First Rank Honours and Logan Gold Medal.

*B.A. Honours in Mental and Moral Philosophy.*

BULL, HARCOURT J.—First Rank Honours and Prince of Wales Gold Medal.

CUNNINGHAM, THOMAS E.—Second Rank Honours.

ROBERTS, GEORGE FRANCIS.—Second Rank Honours.

CRAIG, JAMES ALEXANDER.—Second Rank Honours.

*B. A. Honours in English Language, Literature and History,*

LAFLEUR, PAUL T.—First Rank Honours and Shakspeare Gold Medal. Early English Text Society's Prize.

CURRIE, DOUGALD.—First Rank Honours and Prize.

*Special Certificate for B. A. Ordinary.*

KEAYS, CHARLES H.—First Class.

## THIRD YEAR.

ALEXANDER FALCONER.—First Rank Honours in English Literature and Prize; First Rank General Standing; Prize in Rhetoric; Prize in Classics; Prize in Moral Philosophy.

WILLIAM A. WEEKS.—First Rank Honours in Mathematical Physics and Prize; First Rank General Standing.

JOHN ELDER.—First Rank Honours in Mental and Moral Philosophy; First Rank General Standing; Prize in Zoology.

WILLIAM A. FERGUSON.—First Rank Honours in Mathematical Physics and *Anne Molson Prize*.

JOHN W. TUCKER.—Second Rank Honours in Classics; First Rank General Standing.

WILLIAM A. MCKENZIE.—Second Rank Honours in Classics; First Rank General Standing.

KENNETH R. MACPHERSON.—Second Rank Honours in Natural Sciences.

JOHN C. BRACQ.—Second Rank Honours in Mental and Moral Philosophy.

JAMES REID.—Second Rank Honours in Mental and Moral Philosophy.

ARCHIBALD McLEOD.—First Rank General Standing; Prize in Classics.

HENRY M. AMI.—Prize for Collection of Plants.

WALTER E. LYMAN.—Second Prize for Collection of Plants.

## PASSED THE SESSIONAL EXAMINATIONS.

Falconer, Tucker, McLeod, Weeks, Elder, McKenzie, Ferguson, Lyman, White, Macpherson, Bracq, McDonald, Reid, Weir, Black.

## SECOND YEAR.

- Fry, Henry.**—(High School, Quebec.)—First Rank General Standing ; Prize in Logic.
- Hague, Henry J.**—(Upper Canada College.)—First Rank General Standing.
- Rielle, Norman T.**—(Proprietary School, Montreal.)—First Rank General Standing ; Prize in English.
- Rogers, John H.**—(Private Tuition.)—First Rank General Standing.
- Whillans, George.**—(Ottawa Collegiate Institute.)—Prize in Hebrew.
- Smith, Arthur W.**—(High School, Montreal.)—Prize in Logic ; Prize in Botany.

## PASSED THE SESSIONAL EXAMINATIONS.

- Fry, Hague, Rielle, Rogers, Parent, Trenholme, Walker, Whillans, Smith, McKillop, Mackay, Lafleur, Morin, Martin, Thomas, Walker, Stirling.

## FIRST YEAR.

- Bland, Charles E.**—(High School, Montreal.)—Second Rank Honours in Mathematics and Prize ; First Rank General Standing ; First Prize in Classics.
- Lee, Archibald.**—(Private Tuition.)—First Rank General Standing ; Prize in Hebrew.
- Cameron, John D.**—(Huntingdon Academy.)—First Rank General Standing.
- Orr, Alfred E.**—(St. Francis College.)—First Rank General Standing ; Prize in French.
- Porter, James A.**—(Trinity College School, Port Hope.)—Prize in English ; Second Prize in Classics.
- Brown, J. Williston.**—(Prince of Wales College, P. E. I.)—Prize in German.
- England, Luther M.**—(Stanstead Wesleyan College.)—Prize in Chemistry.

## PASSED THE SESSIONAL EXAMINATIONS.

- Bland, Lee, Cameron, Orr, Griffith, Brown, Shearer, Elliott, Porter, Gardner, Hunter, England, Ross, Fraser (D. J.), Tait, O'Halloran, Greenshields, Chipman, Fraser (W. J.), Morris, Kinloch, Bowers, Barlow, Richardson, Doane.

At the Examinations in September 1879, the following *Scholarships* and *Exhibitions* were awarded :—

- THIRD YEAR.**—Ferguson and Falconer and Ami (H.), and Tucker ; *W. C. McDonald Scholarships*, each \$125 annual value.
- SECOND YEAR.**—Hague (H. J.) and Lafleur (H. A.) :—*W. C. McDonald Exhibitions*, each \$125 annual value ; Fry :—The Jane Redpath Exhibition, \$100 annual value.
- FIRST YEAR.**—Cameron and Hunter :—*W. C. McDonald Exhibitions*, each \$125 annual value ; Brown :—*the Governors' Exhibition*, \$100 annual value.

At the Mathematical Scholarship Examinations in September 1879, the *Anne Molson Prize* was awarded to Weeks (William A).

## CHRISTMAS EXAMINATIONS, 1879.

## GREEK.

THIRD YEAR.—*Class I.*—McLeod (Archd.) and Tucker, equal; Elder and Falconer, equal; Weeks. *Class II.*—Lyman, McDonald, Robertson; Bracq and Ferguson, equal; Reid, Gamble. *Class III.*—McNabb; Ami (H. M.) and Macpherson and White, equal; Rutherford, Black.

SECOND YEAR.—*Class I.*—Lafleur (Hy. A.), Fry; Hague (Hy. J.) and Whillans, equal; Rielle and Rogers, equal; Smith. *Class II.*—Trenholme and Morin, equal; Parent; Thomas and Barron, equal; McKillop and Macrae and Stirling, equal. *Class III.*—Mackay, Stewart; Cockfield and Martin and Walker, equal.

FIRST YEAR.—*Class I.*—Bland; Griffith and Porter, equal; Shearer; Brown and Cameron, equal. *Class II.*—Hunter, Ross; Elliott and Gardner, equal; Bowers, O'Halloran; Chipman and England and Fraser (Wm.), equal; Doane. *Class III.*—Fraser (Donald); Kinloch and Tait, equal; Barlow, Morris, Greenshields, Marceau, Lamb, McLennan.

## LATIN.

THIRD YEAR.—*Class I.*—Falconer and McLeod (Arch'd), equal; Tucker, Weeks, Elder; Lyman and Macpherson, equal. *Class II.*—Ami (H. M.) and Bracq and McDonald and Weir, equal; Reid and Rutherford, equal; White; Black and Gamble and Robertson, equal. *Class III.*—McNabb.

SECOND YEAR.—*Class I.*—Hague (Hy. J.); Fry and Lafleur (Hy. A.), equal; Rielle and Whillans, equal; Rogers, Trenholme. *Class II.*—Parent, Morin, Smith, Barron; McKillop and Martin and Thomas, equal; Cockfield and Stirling, equal. *Class III.*—Walker, Mackay, Macrae, Stewart.

FIRST YEAR.—*Class I.*—Bland, Griffith; Brown and Shearer, equal; Cameron, Elliot; Hunter and Porter, equal; Fraser (Wm.). *Class II.*—Bowers and England and Gardner and Ross, equal; Chipman and Doane, equal; O'Halloran. *Class III.*—Fraser (Don.) and Morris and Tait, equal; Barlow; Greenshields and Marceau, equal; Kinloch.

## ENGLISH LITERATURE.

FOURTH YEAR.—*Class I.*—Currie and Lafleur (P. T.), equal. *Class II.*—Scriver and Raynes, equal; Pillsbury, Ogilvie. *Class III.*—Klock, Mnir, Bayne, Bennett.

SECOND YEAR (Optional).—*Class I.*—Whillans, Thomas, Hague (H. J.). *Class II.*—Fry, Hague (F.), Smith, Macrae, Trenholme, Morin. *Class III.*—Walker, Parent, Mackay.

FIRST YEAR.—*Class I.*—Elliot and Bland, equal; Bowers and Hunter and Shearer, equal; Ross, Brown. *Class II.*—Porter, Cameron, Fraser (D.); Fraser (W.) and Gardner, equal; Tait, Griffith, England, Kinloch; Greenshields and Chipman, equal; Doane, Morris. *Class III.*—Wheeler, Barlow; O'Halloran and McLennan, equal; Lamb, Murray.



## RHETORIC.

THIRD YEAR.—*Class I.*—Falconer, Tucker, Elder. *Class II.*—Rutherford, Ami (H. M.), Bracq, Macpherson, Weir, Macdonald, Reid, Weeks, McLeod, Lyman, White; Gamble and Ferguson. *Class III.*—None.

## MENTAL AND MORAL PHILOSOPHY.

FOURTH YEAR.—(*Mental Philosophy*).—*Class I.*—Keays, Bull, Cunningham; Raynes and Roberts, equal; Darey, Pillsbury; Allen and Craig, equal; Lafleur (P. T.). *Class II.*—Bayne, Bennett, Gibson, Currie, Sriver, Ogilvie, Bates, McIntyre, Larivière. *Class III.*—Muir, Klock.

THIRD YEAR.—(*Moral Philosophy*).—*Class I.*—Elder, Falconer, Reid, Tucker, Young, Weeks. *Class II.*—Rutherford, Black, Robertson, Bolton; Bracq and Lyman and White, equal; Conron, Weir; Ferguson and Gamble and Macpherson, equal. *Class III.*—McDonald and McLeod and Smith (A. E.) and Stewart (J. B.), equal; Ami (H. M.), McNabb; Dow and Edge, equal.

SECOND YEAR.—(*Elementary Psychology*).—*Class I.*—Hague (H. J.) and Smith (A. W.), equal; Walker, Parent, Rogers, Rielle, Morin. *Class II.*—Lafleur (H. A.), Martin, Whillans, Fry, Trenholme, McKillop. *Class III.*—Gibson and Mackay, equal; Cockfield, Stirling; Barron and Skinner and Thomas, equal; Stewart (R.), Macrae, Chaffee.

## HEBREW.

JUNIOR YEAR.—*Class I.*—Reid, Mercer; Rondeau and Young, equal; Fraser, Smith, Morin. *Class II.*—Roberts, Blouin, Mackay. *Class III.*—None.  
SENIOR YEAR.—*Class I.*—Whillans, Walker, Internoscia. *Class II.*—Carrière. *Class III.*—None.

## FRENCH.

THIRD YEAR.—*Class I.*—Ami (H. M.). *Class II.*—None. *Class III.*—None.

SECOND YEAR.—*Class I.*—Morin, Lafleur (H. A.), Hague (H. J.), Fry, Rielle. *Class II.*—Trenholme, Parent, Barron, Smith, Rogers. *Class III.*—Martin and Stirling, equal; Cockfield and Thomas, equal; Macrae, Stewart, Chaffee.

FIRST YEAR.—*Class I.*—Bland, Cameron; Elliot and Shearer, equal; Marceau; Griffith and Lamb, equal. *Class II.*—Ross, Gardner, O'Halloran, Young, Hunter, Chipman; Brown and Porter, equal; Fraser (Don.), Tait, Barlow. *Class III.*—Greenshields and Morris, equal; England; Doane and McLennan, equal; Mallory, Wheeler, Kinloch, Murray.

## GERMAN.

FOURTH YEAR.—*Class I.*—None. *Class II.*—Ogilvie. *Class III.*—Bayne.

SECOND YEAR.—*Senior Division.*—*Class I.*—Martin. *Class II.*—Lafleur (H. A.). *Class III.*—Rielle, McKillop. *Junior Division.*—*Class I.*—Barron.

FIRST YEAR.—*Class I.*—Internoscia. *Class II.*—Brown. *Class III.*—Fraser (Wm.), Gardner.

## ASTRONOMY.

FOURTH YEAR.—*Class I.*—Bull, Molson; Cunningham and Roberts, equal; Ogilvie. *Class II.*—None. *Class III.*—Craig, Lafleur (P. T.).

## MATHEMATICAL PHYSICS.

FOURTH YEAR.—*Class I.*—Roberts, Pillsbury, Bayne (G. D.), McIntyre, Larivière. *Class II.*—Ogilvie and Scriver, equal. *Class III.*—Craig, Lafleur (P. T.), Keays; Allen and Bennett and Raynes, equal.

THIRD YEAR.—*Class I.*—Ferguson; Falconer and Tucker, equal; Weeks, Robertson. *Class II.*—McLeod (Archd.). *Class III.*—McDonald and Reid, equal; Macpherson, White, McNabb; Ami (H. M.) and Gamble, equal; Rutherford, Elder, Weir, Lyman, Bracq.

## MATHEMATICS.

SECOND YEAR.—*Class I.*—McKillop, Fry. *Class II.*—Lafleur (H. A.), Trenholme; Hague (H. J.) and Parent, equal; Rielle. *Class III.*—Whillans, Thomas, Rogers, Morin, Martin, Smith (A. W.), Cockfield, Mackay, Macrae, Stewart, Walker, Barron.

FIRST YEAR.—*Class I.*—Cameron, Chipman, Bowers, Bland. *Class II.*—Hunter, Brown, Elliott. *Class III.*—Shearer, Griffith, Porter, Fraser (D. J.), Fraser (W.), England, Doane; Gardner and Kinloch, equal; Barlow and Morris, equal; Murray, Ross, Greenshields, Tait, Young, Marceau.

## EXPERIMENTAL PHYSICS.

FOURTH YEAR.—*Class I.*—Darey, Pillsbury, Bull. *Class II.*—Craig and Currie and Scriver, equal; Keays and Molson, equal; Roberts. *Class III.*—Allen and Bennett and Ogilvie, equal; Cunningham, Klock, Muir, Larivière, Raynes.

THIRD YEAR.—*Class I.*—Falconer and Ferguson, equal. *Class II.*—MacPherson. *Class III.*—Tucker, Weeks, Lawford, Ami (H. M.), Elder, Lyman, Bracq; Gamble and White, equal.

## MINERALOGY AND PHYSICAL GEOLOGY.

FOURTH YEAR.—*Class I.*—Molson, Ogilvie, Muir. *Class II.*—Bayne, MacIntyre. *Class III.*—McFarland (Geology alone).

## ZOOLOGY.

THIRD YEAR.—*Class I.*—Reid, Ami (H. M.), Ferguson, Elder, Macpherson, Lyman, Black, Bowers, McLeod, Robertson. *Class II.*—Bracq, McDonald, Rutherford, Lawford, Gamble. *Class III.*—McNabb.

## BOTANY.

SECOND YEAR.—*Class I.*—Hague (H. J.), Trenholme, Lafleur (H. A.), Walker, Smith, Fry, Barron, Thomas, Morin, Rogers. *Class II.*—Chaffee, Whillans, Bolton, Hague (F.), Henderson, Macrae, Rielle, Martin, McKillop, Mackay. *Class III.*—Stewart, Hitchcock, Parent, Stirling, Cockfield.

## CHEMISTRY.

FIRST YEAR.—*Class I.*—Shearer. *Class II.*—England and Hunter, equal; Elliot Brown, Bowers, Cameron, Ross, Morris, Porter. *Class III.*—Tait, Bland, Doane, Gardner, Fraser (W.), Kinloch, Griffith, Chipman, Greenshields, Young, Barlow, Wheeler, Fraser (D.).

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## SESSIONAL EXAMINATIONS, 1880.

## ORDINARY COURSE IN ARTS.

## GREEK.

B. A. ORDINARY.—*Class I.*—Darey, Keays, Mercer. *Class II.*—Bayne; Muir and Ogilvie, equal. *Class III.*—Larivière, Allen.

THIRD YEAR.—*Class I.*—Falconer and McLeod (*Prizes*), equal; Tucker, Elder; Weeks and McKenzie, equal; Lyman. *Class II.*—Ferguson; Bracq, and McDonald and Robertson, equal; Rutherford and White, equal; Macpherson and Reid, equal. *Class III.*—Black and McNabb, equal; Gamble.

SECOND YEAR.—*Class I.*—Fry and Lafleur (Hy. A.), equal; Rielle, Hague (Hy. J.), Rogers, Parent, Whillans. *Class II.*—Trenholme Smith, Morin; Martin and Stirling, equal; Thomas; Cockfield and Mackay and McKillop, equal. *Class III.*—Barron.

FIRST YEAR.—*Class I.*—Bland (*1st Prize*); Cameron and Porter, equal; Brown and Lee, equal; Gardner and Griffith and Orr, equal; Shearer, Ross, Bowers, Elliot. *Class II.*—England and Fraser (Donald), equal; Chipman and Tait, equal; Hunter and O'Halloran, equal; Doane and Fraser (Wm.) and Morris and Richardson, equal. *Class III.*—Marceau, Barlow; Chaffee and Greenshields and Kinloch, equal.

## LATIN.

B. A. ORDINARY.—*Class I.*—Darey; Keays and Raynes, equal; Mercer. *Class II.*—Ogilvie and Pillsbury and Scriver, equal; Bayne and Bennett, equal; Allen and Klock and Larivière and Muir, equal. *Class III.*—None.

THIRD YEAR.—*Class I.*—Falconer and McLeod (*Prizes*), equal; Elder; McKenzie and Tucker and Weeks, equal; Lyman. *Class II.*—Macpherson, White; Bracq and Robertson and Weir, equal; McDonald, Rutherford, Reid. *Class III.*—Gamble, Black.

SECOND YEAR.—*Class I.*—Lafleur (Hy. A.); Fry and Rielle, equal; Hague (Hy. J.), Rogers. *Class II.*—Trenholme, Parent, Smith and Whillans, equal; Morin, Martin. *Class III.*—Mackay and Thomas, equal; Barron and Cockfield and McKillop, equal; Stirling and Walker, equal.

FIRST YEAR.—*Class I.*—Bland, Porter (*2nd Prize*); Griffith and Orr, equal; Cameron and Lee, equal; Shearer; Brown and Elliot and Gardner, equal. *Class II.*—Hunter; England and Ross, equal; Chipman, Bowers and O'Halloran, equal; Fraser (Wm.); Fraser (Don.) and Greenshields and Tait, equal. *Class III.*—Doane and Morris, equal; Kinloch, Richardson, Marceau, Barlow.

*Honour Examinations in Classics.*

B. A.—*First Rank.*—Darcy.—*Henry Chapman Gold Medal.*

THIRD YEAR.—*First Rank.*—None.

*Second Rank.*—Tucker, McKenzie.

GREEK AND ROMAN HISTORY.

FIRST YEAR.—*Class I.*—Griffith and Bowers, equal; Bland; Lee and Cameron equal; Orr and Ross, equal; Brown and Elliott and Greenshields and Shearer, equal. *Class II.*—Fraser (Don.) and Kinloch, equal; Barlow and Garduer, equal; Chipman and Hunter and Morris, equal; England and Porter, equal; O'Halloran and Tait, equal. *Class III.*—Richardson and Young (K. D.), equal; Chaffee and Doane and Fraser (Wm.), equal.

LOGIC AND MENTAL AND MORAL PHILOSOPHY.

B. A. ORDINARY.—(*Mental and Moral Philosophy*).—*Class I.*—Keays, Bull, Roberts, Bayne, Cunningham Craig. *Class II.*—Pillsbury, Ogilvie, Raynes; Allen and Larivière, equal; Sriver, Bennett. *Class III.*—McIntyre, Klock.

OCCASIONAL STUDENTS IN FOURTH YEAR.—(*Mental Philosophy*).—*Class I.* Henderson. *Class II.*—None. *Class III.*—Gibson, Bates.

THIRD YEAR.—(*Moral Philosophy*).—(*Class I.*)—Falconer (*Prize*), Young (W. R.), Elder, Tucker, Rutherford, McKenzie. *Class II.*—Lyman and White, equal; Reid, Smith (A. E.), McLeod, Bracq; Conron and Robertson, equal; Weir; Black and Gamble, equal. *Class III.*—McNabb, Turk, McDonald, Weeks, Macpherson; Ferguson (Wm. A.) and Stewart (J. B.), equal; Edge.

SECOND YEAR.—(*Logic*).—*Class I.*—Fry and Smith (A. W.) (*Prizes*), equal; Hague (H. J.), Rogers, Rielle; Parent and Whillans, equal; Lafleur (H. A.), Trenholme, Morin. *Class II.*—Martin and Walker, equal; Thomas, Guertin, Barron, Mackay. *Class III.*—Gibson, McKillop, Brown, Stewart, Cockfield, Stirling.

ENGLISH LITERATURE.

B. A. ORDINARY.—*Class I.*—Lafleur, Currie.—*Class II.*—Muir.  
*Class III.*—None.

ENGLISH HISTORY.

B. A. ORDINARY.—*Class I.*—Currie, Lafleur.—*Class II.*—Mercer.  
*Class III.*—Muir.

## RHETORIC.

THIRD YEAR.—*Class I.*—Falconer (*Prize*) ; McKenzie and Weir, equal ; McLeod and Elder, equal ; Rutherford. *Class II.*—Weeks and Bracq, equal ; Tucker, McDonald, Lyman ; Ferguson and Macpherson, equal ; Gamble, White.

## ENGLISH LITERATURE AND HISTORY.

SECOND YEAR.—*Class I.*—Rielle (*Prize*) and Lafleur, equal ; Thomas, Fry, Hague (H. J.). *Class II.*—Rogers, Mackay, Martin ; Whillans and Hague (F.) and Trenholme, equal ; Stirling. *Class III.*—Smith, Walker, Parent, Cockfield, McKillop.

SECOND YEAR. ENGLISH ESSAY.—*Class I.*—Rogers, Rielle, Hague (H. J.), Fry, Lafleur, Thomas. *Class II.*—Whillans, Smith, McKillop, Parent, Mackay, Cockfield, Martin, Stirling, Hague (F.). *Class III.*—Walker, Trenholme.

## ENGLISH LANGUAGE.

FIRST YEAR.—*Class I.*—Porter (*Prize*) ; Bland, Lee, Elliot, Bowers, Tait, England. *Class II.*—Fraser (D.) and Ross, equal ; Hunter, Shearer ; Brown and Orr, equal ; Doane, Gardner, Cameron, Chipman, Griffith. *Class III.*—Marceau ; Greenshields and Kinloch, equal ; Barlow, Morris, O'Halloran.

## ENGLISH LITERATURE.

FIRST YEAR.—*Class I.*—Bowers, Elliot, Hunter, Bland, England, Fraser (D.) Lee. *Class II.*—Brown and Griffith, equal ; Orr, Shearer, Tait ; Gardner and Ross, equal ; Kinloch ; Cameron and Porter, equal. *Class III.*—Chipman, Greenshields, Morris, Marceau, Barlow, O'Halloran, Doane.

## FRENCH.

THIRD YEAR.—*Class I.*—Bracq, Lyman. *Class II.*—None.  
*Class III.*—None.

SECOND YEAR.—*Class I.*—Morin, Lafleur (H.A.), Parent. *Class II.*—Hague (H. J.) ; Fry and Rielle, equal ; Rogers ; Guertin and Thomas, equal. *Class III.*—Barron ; Smith and Stirling, equal ; Trenholme, Cockfield.

FIRST YEAR.—*Class I.*—Orr (*Prize*), Bland, Gardner, Elliot, Cameron, Marceau, Ross. *Class II.*—Fraser (D.J.) and O'Halloran, equal ; Griffith and Shearer and Greenshields, equal ; England, Brown, Chaffee, Porter, Richardson (A.W.) ; Morris and Tait, equal. *Class III.*—Young, Kinloch, Barlow ; Chipman and Mallory, equal ; Hunter and McLennan, equal ; Doane, Wheeler.

## GERMAN.

- B. A. ORDINARY.—*Senior Division.*—*Class I.*—Mercer. *Junior Division.*—*Class I.*—None. *Class II.*—Ogilvie.  
 SECOND YEAR.—*Class I.*—Martin. *Class II.*—None. *Class III.*—McKillop.  
 FIRST YEAR.—*Class I.*—Internoscia, Brown (W.) (*Prize*).  
*Class II.*—Gardner. *Class III.*—None.

## HEBREW.

- SENIOR CLASS.—*Class I.*—Whillans (*Prize*). *Class II.*—Walker, Internoscia.  
*Class III.*—None.  
 JUNIOR CLASS.—*Class I.*—Lee (*Prize*), Smith. *Class II.*—Mercer and Young  
 (Wm. R.), equal; Fraser (William), Mackay.  
*Class III.*—None.

## MATHEMATICAL PHYSICS.

- B. A. ORDINARY.—*Class I.*—None. *Class II.*—Ogilvie, Allen, Lafleur (P.T.),  
 Keays. *Class III.*—Raynes, Craig, Larivière, Roberts; Pillsbury  
 and Scriver, equal; McIntyre, Muir, Bayne, Klock, Bennett.  
 THIRD YEAR.—*Class I.*—Ferguson, Tucker, Falconer, Weeks. *Class II.*—Elder.  
*Class III.*—McKenzie, Macpherson; McLeod (Arch.) and White,  
 equal; McDonald, Lyman, Bracq, Weir; Black and Reid, equal.

## MATHEMATICS.

- SECOND YEAR.—*Class I.*—Fry, Parent, McKillop. *Class II.*—Rogers and Tren-  
 holme, equal; Hague (H. J.), Rielle. *Class III.*—Barron Whillans,  
 Morin, Stirling, Mackay, Smith (A. W.), Walker, Lafleur (H. A.),  
 Martin, Thomas.  
 FIRST YEAR.—*Class I.*—Bland; Bowers and Brown, equal; Cameron and Lee,  
 equal; Hunter, Griffith. *Class II.*—Elliot; Gardner and Porter,  
 equal. *Class III.*—Fraser (W.), Shearer, Orr, Fraser (D.J.), Eng-  
 land, O'Halloran, Tait, Chipman, Greenshields, Ross, Kinloch and Mor-  
 ris, equal; Doane, Richardson (A.W.), Barlow.

## EXPERIMENTAL PHYSICS.

- FOURTH YEAR.—*Class I.*—Currie, Molson, Keays, Cunningham, Darey, Raynes,  
 Scriver, Pillsbury. *Class II.*—Bull, Allen, Larivière. *Class III.*—  
 Klock, Bennett.  
 THIRD YEAR.—*Class I.*—Falconer, Weeks, Ferguson, Tucker. *Class II.*—Bracq,  
 Elder, Lyman. *Class III.*—Macpherson, White, Weir, Gamble.

*Honour Examinations in Mathematics and Natural Philosophy.*

- THIRD YEAR.—(*Math. Physics*).—*First Rank.*—Ferguson (*Anne Molson Prize*);  
 Weeks, (*Prize*).  
 FIRST YEAR.—(*Mathematics*).—*First Rank.*—None.  
*Second Rank.*—Bland (*Prize*).



## NATURAL SCIENCE.

B. A. ORDINARY.—(*Geology and Mineralogy.*)—*Class I.*—Molson.

*Class II.*—Ogilvie, Mercer, Bayne. *Class III.*—Muir, McIntyre.

B. A. HONOURS.—Molson (Ch. A.) *First Rank Honours*, and *Logan Gold Medal*.

THIRD YEAR.—(*Zoology*)—*Class I.*—Elder (*Prize*), McKenzie, Reid.

*Class II.*—Lyman, McLeod, Bracq, Macpherson, Bowers, Rutherford, Ferguson. *Class III.*—McDonald, McNabb, Robertson Gamble.

THIRD YEAR HONOURS.—(*Mineralogy and Lithology.*)—*First Rank.*—None.

*Second Rank.*—Macpherson.

SECOND YEAR.—(*Botany.*)—*Class I.*—Lafleur, Smith (*Prize*), Fry, Rogers, Hague (H. J.), Rielle, Trenholme, Barron; Whillans and Walker, equal. *Class II.*—Mackay, Morin, McKillop, Thomas, Parent, Hague (F.), Martin, Stirling. *Class III.*—Cockfield, Guertin, Stewart.

*Prizes for Collections of Plants.*—1st, Ami; 2d, Lyman.

## CHEMISTRY.

FIRST YEAR.—*Class I.*—Bowers, England (*Prize*), Orr, Shearer. *Class II.*—Tait, Gardner, Bland, Hunter, Elliot, Ross, Cameron, Griffith; Lee and Greenshields, equal; Porter. *Class III.*—Marceau, O'Halloran, Brown, Fraser (Donald), Kinloch, Morris, Chipman, Richardson (Alex.), Fraser (Wm.), Barlow.

## MORRIN COLLEGE.

## B. A. ORDINARY EXAMINATION.

GREEK.—*Class I.*—Hemming, Walker. *Class II.*—Ferguson. *Class III.*—None.

LATIN.—*Class I.*—Hemming. *Class II.*—Ferguson, Walker. *Class III.*—None.

MATHEMATICAL PHYSICS.—*Class I.*—None. *Class II.*—Hemming. *Class III.*—Walker, Ferguson.

MENTAL AND MORAL PHILOSOPHY.—*Class I.*—Hemming. *Class II.*—Walker, Ferguson.

ENGLISH HISTORY.—*Class I.*—None. *Class II.*—Hemming. *Class III.*—Walker, Ferguson.

FRENCH.—*Class I.*—Hemming. *Class II.*—Ferguson, Walker.

## INTERMEDIATE EXAMINATION.

GREEK.—*Class II.*—Hewitt.

LATIN.—*Class I.*—Hewitt.

MATHEMATICS.—*Class III.*—Hewitt.

LOGIC.—*Class III.*—Hewitt.

ENGLISH.—*Class III.*—Hewitt.

FRENCH.—*Class III.*—Hewitt.

## ST. FRANCIS COLLEGE.

## INTERMEDIATE EXAMINATION.

GREEK.—*Class II.*—Brown, Duffett.  
 LATIN.—*Class II.*—Brown. *Class III.*—Duffett.  
 MATHEMATICS.—*Class II.*—Brown. *Class III.*—Duffett.  
 LOGIC.—*Class III.*—Brown, Duffett.  
 ENGLISH.—*Class II.*—Brown, Duffett. *Class III.*—None.  
 FRENCH.—*Class II.*—Duffett. *Class III.*—Brown.

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## SUPPLEMENTAL EXAMINATIONS, 1879-80.

## PASSED.

*I.—September, 1879.*

(*a*)—Supplemental Sessional Examinations.

THIRD YEAR.—Bennett.  
 FIRST YEAR.—Macrae, Westlake.

(*b*)—Supplemental in one Subject.

THIRD YEAR.—Keays, Sriver.  
 SECOND YEAR.—Gamble, Lawford, McDonald, McNabb.  
 FIRST YEAR.—Barron, Cockfield, Stewart.

*II.—February, 1880.*

(Supplemental to Christmas Examinations.)

(*a*)—Supplemental in two or more subjects.

FOURTH YEAR.—Klock, Muir.  
 THIRD YEAR.—Black, Weir.  
 SECOND YEAR.—Stirling.  
 FIRST YEAR.—Marceau, Wheeler, Young.

Partial Student—Supplemental in Latin—McLennan N.

## FACULTY OF APPLIED SCIENCE.

## GRADUATING CLASS.

JOHN S. O'DWYER.—Lorne Medal and Certificate of Merit for General Standing.  
Scott Exhibition for Session 1879-1880.

WILFRED T. SKAIFE.—Special Scott Prize.

WILLIAM F. ROBERTSON.—Second Rank Honours in Natural Science.

PASSED THE EXAMINATIONS FOR THE DEGREE OF BACHELOR OF APPLIED SCIENCE.

*Civil Engineering.*

John Seabury O'Dwyer; James Dudderidge and Wilfred Theodore Skaife, equal.

*Mining Engineering.*

William Fleet Robertson.

## THIRD YEAR.

PASSED THE SESSIONAL EXAMINATIONS.

Drummond, Archbald, Waddell, Richard.

## SECOND YEAR.

FRED MILLER.—Prizes in Mechanism, Drawing and Mathematical Physics.

PASSED THE SESSIONAL EXAMINATIONS.

Miller, Green, Low, Burland.

## FIRST YEAR.

PASSED THE SESSIONAL EXAMINATIONS.

Smith, McMillan, McTaggart.

## STANDING IN SPECIAL SUBJECTS.

REPORTS OR ESSAYS PREPARED DURING THE SUMMER OF 1879.

FOURTH YEAR.—*Class I.*—O'Dwyer (*A Bridge on the G. T. R.*) and Skaife (*The Chaudière Bridge Foundations*), equal; Robertson (*The Ventilation of the Pictou Coal Mines*).

*Class II.*—Dudderidge (*Levelling*).

THIRD YEAR.—*Class I.*—Drummond (*A Survey of Dominion Lands in Manitoba for Settlement Purposes*).

*Class II.*—Archbald (*Mortars and Cements*), Waddell (*House Ventilation*).

*Class III.*—Richard (*A Steam Engine*), Bolton (*a Traverse of the Mississaga River*).

SECOND YEAR.—*Class I.*—Green (*A Bridge on the Harrisburg and Brantford Railway*).

*Class II.*—Stephen (*Notes on Navigation*), Foster (*A Length of the Q. C. Railway*) and Low (*Hydraulic Cements*), equal.

*Class III.*—Burland (*The Spur Wheel*), Hague (*Morta.*).

#### DESCRIPTIVE GEOMETRY.

THIRD YEAR.—*Class I.*—None. *Class II.*—Richard, Archbald. *Class III.*—Drummond, Waddell.

SECOND YEAR.—*Class I.*—Miller. *Class II.*—Foster and Low, equal; Green, Burland. *Class III.*—None.

#### FREEHAND DRAWING.

FIRST YEAR.—*Class I.*—None. *Class II.*—McMillan and McTaggart, equal; Smith. *Class III.*—None.

#### SURVEYING.

THIRD YEAR.—*Class I.*—None. *Class II.*—Archbald. *Class III.*—Drummond, Bolton, Richard, Waddell.

SECOND YEAR.—*Class I.*—Miller. *Class II.*—Foster and Green, equal; Low. *Class III.*—Houlahan, Skaife.

#### PRACTICAL ASTRONOMY.

THIRD YEAR.—*Class I.*—None. *Class II.*—Drummond. *Class III.*—Archbald, Richard, Morkill, Bolton.

#### MECHANISM.

SECOND YEAR.—*Class I.*—Miller. *Class II.*—Low, Green. *Class III.*—Foster.

#### MATERIALS.

FOURTH YEAR.—*Class I.*—Skaife, O'Dwyer. *Class II.*—Robertson, Dudderidge.

THIRD YEAR.—*Class I.*—None. *Class II.*—Waddell, Drummond. *Class III.*—Archbald and Bolton, equal; Richard.

SECOND YEAR.—*Class I.*—None. *Class II.*—Green and Miller, equal; Foster.

#### APPLIED MECHANICS.

FOURTH YEAR.—*Class I.*—None. *Class II.*—O'Dwyer, Dudderidge, Skaife.

THIRD YEAR.—*Class I.*—None. *Class II.*—Drummond. *Class III.*—Bolton, Archbald, Waddell, Richard.

#### STEAM.

FOURTH YEAR.—*Class I.*—Dudderidge, O'Dwyer, Skaife. *Class II.*—Robertson.

#### HYDRAULICS.

FOURTH YEAR.—*Class I.*—None. *Class II.*—O'Dwyer, Skaife, Dudderidge. *Class III.*—Robertson.

DOWNWARD-FLOW TURBINES (*Essay*).

FOURTH YEAR.—*Class I.*—O'Dwyer and Dudderidge, equal; *Class II.*—Skaife.

STAMP BATTERIES (*Essay*).

FOURTH YEAR.—*Class I.*—Robertson.

CONTINUOUS GIRDERS (*Essay*).

THIRD YEAR.—*Class I.*—None. *Class II.*—Archbald; Richard and Drummond and Waddell, equal. *Class III.*—Bolton.

## ROADS AND ROAD-MAKING.

FOURTH YEAR.—*Class I.*—O'Dwyer, Skaife. *Class II.*—Dudderidge.

THIRD YEAR.—*Class I.*—Drummond, Waddell. *Class II.*—Archbald. *Class III.*—Bolton, Richard.

METEOROLOGY (*Optional*).

FOURTH YEAR.—*Class I.*—Robertson and Skaife, equal. *Class II.*—Morkill Dudderidge. *Class III.*—None.

## DESIGN, SPECIFICATION AND ESTIMATE.

FOURTH YEAR.—*Class I.*—None. *Class II.*—Skaife, O'Dwyer. *Class III.*—Dudderidge, Robertson.

## MATHEMATICAL PHYSICS.

THIRD YEAR.—*Class I.*—Archbald. *Class II.*—None. *Class III.*—Drummond, Richard, Waddell.

SECOND YEAR.—*Class I.*—Miller. *Class II.*—None. *Class III.*—Burland.

## MATHEMATICS.

THIRD YEAR.—*Class I.*—None. *Class II.*—Archbald, Drummond. *Class III.*—Richard, Bolton, Waddell.

SECOND YEAR.—*Class I.*—None. *Class II.*—Miller. *Class III.*—Green, Low.

FIRST YEAR.—*Class I.*—None. *Class II.*—McMillan. *Class III.*—Smith, McTaggart.

## EXPERIMENTAL PHYSICS.

THIRD YEAR.—*Class I.*—None. *Class II.*—Archibald, Richard. *Class III.*—Drummond, Waddell, Bolton, Morkill (\*).

SECOND YEAR.—*Class I.*—None. *Class II.*—Burland, Miller; Green and Low, equal. *Class III.*—Foster.

## GEOLOGY AND MINERALOGY.

FOURTH YEAR.—*Class I.*—None. *Class II.*—Robertson.

THIRD YEAR.—*Class II.*—Bolton, Drummond, Archibald. *Class III.*—Waddell

## ZOOLOGY AND PALÆONTOLOGY.

SECOND YEAR.—*Class I.*—Low. *Class II.*—Foster. *Class III.*—Green, Miller.

## BOTANY.

SECOND YEAR.—*Class I.*—None. *Class II.*—Burland.

## CHEMISTRY.

FIRST YEAR.—*Class I.*—None. *Class II.*—Smith, McTaggart. *Class III.*—Miller, McMillan.

## PRACTICAL CHEMISTRY.

SECOND YEAR.—*Class I.*—None. *Class II.*—Burland.

## ANALYTICAL CHEMISTRY.

SECOND YEAR.—*Class I.*—None. *Class II.*—None. *Class III.*—Low.

## ASSAYING.

FOURTH YEAR.—*Class I.*—Robertson.

## METALLURGY.

FOURTH YEAR.—*Class I.*—None. *Class II.*—Robertson.

## ENGLISH.

SECOND YEAR.—*Class I.*—Green, Low. *Class II.*—Burland, Foster, Miller. *Class III.*—Skaife.

FIRST YEAR.—*Class I.*—None. *Class II.*—Smith, McMillan. *Class III.*—McTaggart.

## FRENCH.

THIRD YEAR.—*Class I.*—None. *Class II.*—Waddell, Richard, Archbald. *Class III.*—Bolton.

SECOND YEAR.—*Class I.*—None. *Class II.*—None. *Class III.*—Green, Low, Drummond.

FIRST YEAR.—*Class I.*—None. *Class II.*—None. *Class III.*—McTaggart.

## GERMAN.

SECOND YEAR.—*Class I.*—None. *Class II.*—None. *Class III.*—Miller.



# Graduates of the University.

## DOCTORS OF DIVINITY.

- \* Bethune, Rev. John (ad eundem) 1843. \* Falloon, Rev. Daniel [Hon.].....1844

## DOCTORS OF LAWS AND OF CIVIL LAW.

- |  |   |
|--|---|
| * Abbott, Christopher, B.C.L.<br>[D.C.L. in course].....1862                                   | Hunt, T. Sterry, M.A. [LL.D. hon]...1865  |
| Abbott, Hon. J. J. C., B.C.L.<br>[D.C.L. in course].....1867                                   | Jenkins, Rev. John (D.D. Univ.<br>N. Y.) [LL.D. hon].....1879                           |
| * Adamson, Rev. Wm. A. [D.C.L.<br>hon].....1850  | Kerr, William H. [D.C.L. in<br>course].....1873   |
| Badgley, Hon. Wm. [D.C.L. hon]....1843   | Kirby, James, M.A., B.C.L.<br>[D.C.L. in course] [LL.D. in<br>course].....1874          |
| * Bancroft, Rev. C., D.D. [LL.D.<br>hon].....1870  | Lafamme, Hon. R. G., B.C.L.<br>[D.C.L. in course].....1873                              |
| Blackwood, Right Hon. Frederick<br>Temple Hamilton, Earl of Duf-<br>ferin [LL.D. hon].....1878 | Lawson, G., Ph.D. [LL.D. hon]....1862   |
| Bond, Rev. Wm., M.A. [LL.D. hon]..1870   | * Lafrenaye, P. R., B.C.L. [D.C.L.<br>in course].....1873                               |
| Campbell, George W., M. A.,<br>M.D. [LL.D. hon].....1875                                       | Leach, Rev. Wm. T., M.A.<br>[D.C.L. hon].....1849                                       |
| Chamberlin, B., M.A., B.C.L.,<br>[D.C.L. in course].....1867                                   | [LL.D. hon].....1857  |
| Chauveau, Hon. Pierre J. O.,<br>[LL.D. hon].....1857   | * Logan, Sir William E., Kt.<br>[LL.D. hon].....1856                                    |
| Cordner, Rev. John [LL.D. hon]...1870  | * Lundy, Rev. Francis [D.C.L.<br>hon].....1843  |
| Cornish, Rev. George, M.A.<br>[LL.D. in course].....1872                                       | Lyall, Rev. W. [LL.D. hon].....1864   |
| Cushing, Lemuel, M.A., [LL.D.<br>in course].....1879   | McGregor James, M.A. [LL.D.<br>in course].....1880                                      |
| Davidson, Charles Peers, M.A.,<br>B.C.L. [D.C.L. in course].....1875                           | MacVicar, Rev. D. H. [LL.D. hon]..1870  |
| * Davies, Rev. Benjamin, Ph.D.<br>[LL.D. hon].....1856   | Meredith, Edmund A., B.C.L.<br>[LL.D. hon].....1857                                     |
| Dawson, John William, M.A.<br>[LL.D. hon].....1857   | Miles, Hy. H., M.A. [LL.D. hon]..1866   |
| DeSola, Rev. A. [LL.D. hon].....1858   | Morris, Hon. Alexander, M.A.,<br>B.C.L. [D.C.L. in course].....1862                     |
| Douglas, Rev. Geo. [LL.D. hon]....1870   | Morrison Rev. Jas. D., M.A. (D.D.<br>Union College N. Y.) [LL.D. in<br>course].....1880 |
| Doutre, Gonzalve, B.C.L. [D.C.L.<br>in course].....1873  | Parkman, Francis (M.A. Har-<br>vard) [LL.D. hon].....1879                               |
| * Falloon, Rev. D., D.D. [LL.D.<br>hon].....1862   | Robins, Sampson Paul, M.A.<br>[LL.D. in course].....1880                                |
| Gilman, Francis E., M.A., B.C.L.<br>[LL.D. in course].....1877                                 | Rollitt, Albert K. (LL.D., London<br>Univ.) [LL.D. ad eun].....1871                     |
| Girouard, Desiré, B.C.L. [D.C.L.<br>in course].....1874  | * Smallwood, Charles, M.D.<br>[LL.D. hon].....1856                                      |
| * Head, Right Hon. Sir Edmund<br>W., Baronet, M.A. [LL.D. hon.] 1862                           | * Smith, William Stuart [LL.D. hon]..1858   |
| Hemming, Edward J., B.C.L.<br>[D.C.L. in course].....1871                                      | * Vallieres de St. Real, Hon. J.<br>R. [D.C.L. hon].....1844                            |
| * Holmes, Andrew F., M.D.<br>[LL.D. hon].....1858  | Wickes, Rev. Henry [LL.D. hon]...1868   |
| Howe, Henry Aspinwall, M.A.<br>[LL.D. hon].....1870  | Wicksteed, Richard J., M.A.,<br>[LL.D. in course].....1879                              |
|  | Wilkes, Rev. Henry, M.A., D.D.<br>[LL.D. hon].....1870                                  |

\* Deceased.

# DOCTORS OF MEDICINE.

Adsette, John,	1866	Broude, Alphonse,	1863
Alexander, Robert A.,	Grimsby, O 1871	Brodie, John,	Honolulu, Sdwh. Isl. 1877
Alguire, Duncan, O,	Cornwall, O 1873	Brooks, Samuel T.,	1851
Allard, Emery,	Belleville, Q 1863	Brouse, William H.,	Prescott, O 1847
†Allen, Hamilton,	1872	Brouse, Jacob E.,	Brockville, O 1861
Alloway, Thomas Johnson,	Montreal 1869	Brossard, J. B. J.,	Laprairie, Q 1875
Anderson, Alex., Med. Dept.	Indian Army 1866	Brown, J. L.,	Plattsville, O 1879
		Brown, Peter E.,	1863
*Anderson, John C.,	1865	Brown, Harry, 405 W. Washington St.,	
Archer, Ths.,	Wandsworth, Eng 1869		Chicago 1873
Ardagh, Johnson,	Orillia, O 1869	Browne, Arthur A., B.A.,	Montreal 1872
Armstrong, Geo. E.,	Montreal 1877	Bruneau, Adolphe,	Sorel 1853
*Arnoldi, Daniel	[Hon] 1847	*Bruneau, Olivier T.	[Hon] 1843
Atkinson, Robt.,	1862	Bruneau, Onesime,	1851
Ault, Alexander,	Ochko-h, Wis 1860	Bryson, William G.,	Fenelon Falls, O 1867
*Ault, Charles,	Montreal 1855	Bucke, Richard Maurice,	London, O 1862
Ault, James F.,	1855	Bucke, Edward H.,	1852
Ault, Edwin D.,	Aultsville, Q 1863	Buckle, John M. C.,	1869
Austin, Fred. John,	Sherbrooke, Q 1862	Buckley, William P.,	Prescott, O 1870
Ayer, N., M. A.,	Woodstock, N B 1880	Bull, George J.,	Worcester, Mass 1869
Aylen, John,	Aylmer, Q 1857	*Bullen, Charles F.,	1864
Aylen, James,	Aylmer, Q 1863	Buller, Frank,	Montreal 1879
Backhouse, J. B.,	Braidwood, Ill 1870	Burgess, J. A.,	Gorrie, Co. Huron, O 1868
Bain, D.S.E., Staff Surgeon Maj.	1868	Burch, Benjamin F.,	1866
Bain, Hugh U.,	Winnipeg Man 1875	*Burland, John H.,	1863
Baird, James,	Carp, Co. Carlton 1870	Burland, Samuel C.,	Chester, Penn 1877
Baker, Albert,	1848	Burland, Wm. B.,	Montreal 1872
Barclay, George E.,	Parkhill, O 1870	Burland, William H.,	Montreal 1875
*Barnston, James	[ad eun] 1856	Burrows, Philip P.,	Lindsay, O 1866
Battersby, Charles,	Port Dover, O 1861	*Burnham, Robert Wilkins,	1860
Baynes, Donald, M. A.,	Causterbury, Eng 1876	Burns, Alfred J.,	1854
Baynes, George Aylmer,	Montreal 1869	Barritt, Horatio C.,	Peterboro, O 1863
Beatty, D.,	Richmond, O 1862	Burwash Henry J.,	Rapid City, N W T 1879
Beaudet, Alfred,	1865	Butler, George C.,	Brighton, O 1865
Beaudry, Lewis B.,	1871	Butler, Billa F.,	1879
Beckstead, M., Lisbon, St. Law. Co., NY	1878	*Buxton, John N.,	1849
†Bell, James,	Montreal 1877	Calahan, James,	Wyandotte, Mich 1880
*Bell, John, M. A.,	1866	Cameron, Duncan H.,	Emerson, Man 1877
Bell, Robert,	Montreal 1878	Cameron, James C.,	Montreal 1874
Bell, Robt. W.,	Peterboro, O 1873	Cameron, John D.,	Lancaster, O 1878
Belleau, Alfred,	Quebec 1852	Campbell, Donald Peter,	1862
*Bergeron, Joseph,	1870	Campbell, Francis Wayland,	Montreal 1860
Bergin, Darby,	Cornwall, O 1847	Campbell, G. W., M.A. [ad eun]	
Bessey, William E.,	Montreal 1863		Montreal 1843
Bender, Prosper,	Quebec 1865	Campbell, J., Waracknabeal, Victoria	1876
Benson, Joseph B.,	Chatham, N B 1875	*Campbell, Samuel,	1866
Bibaud, Jean G.,	Montreal 1843	Campbell, John,	Seaforth, O 1869
Blackader, Alex. D., B. A.,	Montreal 1871	Caumon, Gilbert,	Almonte, O 1877
Blacklock, John J.,	Chesterville, O 1851	Carmichael, Duncan A.,	Ottawa 1873
*Blanchet, J. B.,	1863	Carey, Augur D. L.	[ad eun] 1864
Blair, Robt. C.,	Chicoutimi, Q 1865	Carman, Philip E.,	1879
*Bligh, John W.,	1865	Carman, John B.,	1879
Bogart, Irvine D.,	Campbellford, O 1859	Cassidy, David M.,	1867
*Bomberry, Geo. E.,	1875	Cassady, John F.,	Goderich 1865
Boulter, George H.,	Sterling, O 1852	*Carroll, Robert W. W.,	1859
*Boyer, Louis,	1842	Carson, Augustus,	1843
*Boylan, Andrew A.,	1857	Carter, Samuel A.,	1859
Boyle, Albert D.,	1877	Case, William,	Hamilton, O 1879
*Bowman, William E.,	1860	Casgrain, Charles E.,	Windsor, O 1851
Bower, Silas J.,	Kemptville, O 1865	Cattanach, Andrew J.,	London, Eng 1871
*Bradley, William,	1869	Chagnon, Vincelous G. B.,	St. Pie, Q 1861
*Brathwaite, Francis H.,	1863	*Challiner, Francis,	1849
Braudon, John,	Ancaster, O 1867	Cherry, William,	1869
Breslin, William Irwin,	46th Regiment 1847	*Chesley, George Ashbold,	1862
Brigham, Josias S.,	Philipsburg 1848	Chevalier, Gustave,	Bedford, Q 1860
Brissette, Henry R.,	Lowell Mass 1871	Chevalier, Napoléon E.,	Iberville, Q 1873
Bristol, Amos S.,	Napance, O 1850	Chipman, C. J. H., B.A.,	Prescott, O 1868
		Chisholm, Alex.,	Alexandria, O 1878

Chisholm, Murdoch, Loch Lomond, N S	1879	*Dorland, Enoch G.,	1850
Christie, George H., Lachute, Q	1872	Dorland, James,	Milwaukee, Wis 1875
Christie, John B.,	1865	Dongan, William,	St. Catharines, O 1867
Christie, Thomas,	Lachute, Q 1848	*Douglass, James [Hon]	1847
Christie, John H., B.A., Merrittown, O	1875	Dowling, John F.,	Egansville, O 1875
*Church, Charles H.,	1862	Drake, Joseph M.,	Montreal 1861
Church, Clarence R.,	Ottawa 1868	Dubuc, Charlemagne,	Montreal 1864
Church, Collier M.,	Aylmer, Q 1855	*Duckett, Stephen,	1853
Church, F. W.,	Aylmer, Q 18 0	Duckett, William A.,	Montreal 1859
Church, Levi R.,	Montreal 1857	Dufort, Thadée A.,	1865
Church, Mills K., Pierrepont Manor,	N Y 1864	Duhamel, Louis,	Wright, Q 1861
*Church, Peter H.,	1846	Duncan, George, Fareham	Hants, Eng 1866
Clarke, Octavius H. E.,	Cahoes, Vt 1870	Duncan, Gideon M.,	Bathurst, N B 1871
Clarke, Wallace, B A.,	Utica, N Y 1871	Duncan, George C.,	London, Eng 1875
Clark, Richard A.,	Oakville, O 1870	Duncan, James S.,	1858
Clarke, F. G. B.,	South Chicago, Ill 1876	*Duncan, John,	1871
Clemesha, John W.,	Port Hope, O 1867	*Dunn, William Oscar,	1843
Clement, Victor A.,	St. Guillaume, Q 1869	Dunsmore, John M.,	Mitchell, O 1870
*Cline, John D., B.A.,	1874	Dupuis, Joseph B.,	1856
Cluness, Daniel,	Nanimo, Cal 1870	Easton, John,	Prescott, O 1852
Codd, Alfred,	Winnipeg, Man 1865	Eberlé, Harry A.,	Webster City, Iowa 1876
Collins, Charles W.,	1869	Edwards, Elphalest G.,	London, O 1855
Collison, R., Norfolk, St. Law. Co., N Y	1878	Edwards, J. S.,	London, O 1880
Colquhoun, George,	Dunham Flats, Q 1876	Edwards, Oliver C.,	Montreal 1873
Comieau, John B.,	St. David, Q 1870	Elkinton, A. G., Surg. Maj. Gren. Guards	1862
Cook, Guy R., B. A.,	Louisville, N Y 1876	Ellison, S. R.,	St. Thomas, O 1873
Cook, Herman L.,	Napanee, O 1854	Emery, Gordon J.,	Minneapolis, Minn 1857
Cooke, Charles H.,	Brantford, O 1866	English, T. F.,	1858
Cooke, Sidney P.,	Ottawa, O 1869	*Erskine, John,	St. Scholastique, Q 1860
Cooke, William H.,	Drummondville, Q 1876	Ethier, Calixte,	St. Eugene, O 1867
Copeland, William L.,	Chicago 1872	Evans, Griffith,	Vet. Dept. Army,
*Corbett, A. P. M.,	1854		Woolwich, Eng 1864
Corbett, William H., Surg. Maj. Army		Ewing, William,	Hawkesbury, O 1873
	Med. Dept. 1854	Falkner, Alexander,	Alexandria, O 1866
Corlis, Josiah,	St. Thomas, Ont 1869	Falls, Samuel K.,	Wakefield, Q 1875
Corson, John,	1866	Farewell, G. McGill,	Duffin's Creek, O 1872
Cotton, C. L.,	Cowansville, Q 1877	Farewell, W. G.,	1868
*Cowley, Thomas McJ.,	1870	Farley, James I.,	1877
Cowley, D. K.,	Ottawa 1880	Farley, John J.,	Belleville, O 1873
Cox, Frank,	Charlottetown, P E I 1869	Faulkner, George W.,	Sterling, Q 1871
Coyle, Henry W.,	Sorel, Q 1876	Faulkner, D. W.,	Foxboro, O 1878
Craig, Thornton	1876	Fenwick, George E.,	Montreal 1847
Craik, Robert,	Montreal 1854	Fergusson, A. A.,	Franklin Centre, Q 1864
Cram, Daniel C.,	1872	*Fergusson, Alex. R., Dalhousie Mills,	O 1866
*Crawford, James [ad eun]	1854	*Finlayson, John,	1834
Cream, Thomas N.,	Chicago, Ill 1876	Finnie, John T.,	Montreal, Q 1869
Crichton, Stuart,	1865	*Fisher, John,	1847
Crothers, William,	Stanbridge, Q 1876	Fitzgerald, James,	1865
*Culvers, Joseph B.,	1845	Fortier, Louis A.,	St. David, Q 1878
*Cunningham, W. C. Thurlow,	1858	Fortin, Pierre	1845
Cutter, Frederick A.,	1873	Fortune, Lewis M.,	Huntingdon, Q 1873
Daly, Guy D. F.,	1868	*Foster, Stephen Sewell,	1846
Dansereau, Charles,	1842	Fraleigh, William S.,	Richmond, O 1869
Dansereau, Charles,	1869	Fraser, Alex. C.,	Wallaceburg, O 1877
Dansereau, Pierre,	1835	*Fraser, William,	1836
D'Avignon, F. E., North Adams, Mass	1871	Fraser, William H.,	Bay Robert, Nfld 1867
*Dease, Peter Warren,	1847	Fraser, Donald M.,	Stratford, O 1869
DeBoucheville, Charles B.,	Quebec 1843	Fraser, Donald,	Chicago, Ill 1863
DeGrosbois, T. B.,	Chambly, Q 1868	Fraser, John R.,	1878
Demorest, B. G. G.,	Sterling, O 1852	Freeman, Charles M., Cape Ireland, N S	1871
Desaulniers, Antoine A., Oswego, N Y	1863	Fuller, W.,	Grand Rapids, Mich 1866
DeCelles, Charles D.,	1841	Fuller, Horace L.,	Sweetsburg, Q 1870
Dibble, G. O.,	More's Mills, N B 1880	Fulton, James H.,	Montreal 1863
Dice, George,	1864	*Garvey, Joseph,	1852
*Dick, James R.,	1842	Gardner H. H.,	Toledo, Ohio 1878
*Dickson, James S.,	Cornwall, O 1846	Gardner, Matthew,	California 1871
*Dickinson, George,	1868	Gardner, William,	Montreal 1867
Dickson, William W.,	Fernbrock, O 1863	Gascoyne, Geo. E.,	Brookville, O 1861
Digby, F. Winniett,	Brantford, O 1863	Gaviller, Edwin A.,	Chippawa, O 1873
Dodd, John,	1864	Gauvreau, Elzéar,	1855
Douneily, Charles H.,	1861	Gauvreau, Lewis H.,	1836
*Dorion, Sévère,	1843	Gendron, Thomas,	St. Raymond, Q 1866
		Gernon, George W.,	1872
		*Gibb, George D.,	1846

Gibson, John B.,	Dunham, Q	1855	Hockridge, Thos. G.,	London, Eng	1874
Gibson, W. B.,	Cowansville, Q	1878	* Holden, Rufus		1844
*Gibson, Edward B.,		1864	* Holwell, John,		1808
Gilbert, Henry L.,	Sherbrooke, Q	1875	* Holmes, Andrew F.	[ad eun]	1843
Gillis, John A. F.,	Summerside P E I	1877	Howard, James,	Lachine, Q	1867
Gillies, John,	Teeswater, O	1867	Howard, Robert,	St. Johns, Q	1872
Gilmour, Angus,	Waterloo, Q	1868	Howard, R. Palmer,	Montreal, Q	1848
*Gironx, Philippe		1859	Howden, Robert T.,	Perth, O	1857
Girdwood, Gilbert P.,	Montreal	1865	Howey, W. H.,	Delhi, O	1878
Glenn, C. W. E.,	Chambly, Q	1858	Howitt, William H.,	Brantford, O	1870
Godfrey, Robert,	Montreal	1844	Howland, Francis L.,	Huntsville, O	1867
Godfrey, Abraham C.,	London, Eng	1865	Hulbert, E. Augustus,	Brooklyn, N Y	1860
*Goodhue, P. J.,		1875	Hume, William L.,	Leeds, Q	1875
Goforth, Franklin,		1863	Hunt, Henry,	Williamstown, O	1876
Gordon, Robert,	Arlington, Ill	1863	Hunt, J. H., Surg. Maj.	Army Med.	
Gordon, William Wallace,		1863		Dept	1869
Graham, Charles E.,	Hull, Q	1865	Hunt, Lewis G.,	Sheffield, Eng	1878
*Graham, Henry,		1863	† Hurd, Edward P.,		1865
Graham, Kenneth D.,	Hull, Q	1875	Hurlbert, George W.,		1859
Grant, Donald J.,		1863	Hurlbert, Richard F.,	Brucefield, O	1873
Grant, James A.,	Ottawa	1854	Hutchinson, John A.,	Wingham, O	1878
Grant, William,	Perth, O	1867	Imrie, A. W.,	Montreal	1879
Gray, John S.,	North Williamsburg, O	1876	Inksetter, D. G.,	West Flamboro, O	1880
Gray, Thomas,	Brigus, Nfld	1879	Irvine, James C.,	Elora, O	1866
Greaves, Henry C.,	Barbadoes	1877	Irwin, J. L.,	Montreal, Q	1879
Greenwood, F. S.,	St. Catharines, O	1878	Ives, Eli,	Coaticook, Q	1863
Greer, T. A.,	C. SS Minia, Halifax, N S	1876	* Jackson, A. T.,		1816
Grenier, L. P. A.,	Lotbinière, Q	1863	Jackson, Wm. Fred.,	Brookville, O	1873
Groves, George H.,	Carp, O	1879	Jackson, Joseph A.,	Franklin Falls, Vt	1879
Guerin, James J. E.,	Montreal	1878	Jamieson, Alexander, B. A.,		1877
Guest, Thomas F.,	St. Mary's, O	1873	Jamieson, Thomas A.,	Launcester, O	1875
Gunn, James,	Durham, Co. Grey, O	1861	Jamieson Chas. J.,	Rockland, O	1879
Gurd, David F.,	Montreal	1879	Jamieson, James B.,	London, Eng	1876
Gustin, William Claud,		1863	Johnston, J. C.,	Surg. Maj. Army	1867
Hagarty, Dan. M. J.,	Med. Supt. N W		Johnston, Thomas G.,	Sarnia	1871
	T and Manitoba	1868	Jones, Charles R.,		1814
*Hall, Archibald	[ad eun]	1848	Jones, George N.,		1874
*Hall, James B.,		1866	* Jones, Thomas W.	[ad eun]	1854
Hall, J. W.,		1846	* Jones, Jonathan C.,		1865
Halliday, James T.,	Grafton, O	1865	Jones, Wm. Justus,	Prescott, O	1856
*Hamilton, Andrew W.,		1859	Jones, H. J. M.,	Wabash Av., Chicago	1873
Hamilton, Charles S.,	Belleville, O	1868	Kearney, Wm. J.,	Montreal	1875
Hamilton, John R.,	Stratford, O	1871	Keeler, Wm. N., B. A.,	Bengal Army	1869
Hamilton, Rufus F.,		1861	* Keeler, Thomas		1858
Hamel, Joseph A.,	Murray Bay, Q	1856	† Kelly, Clinton Wayne,	Louisville, Ky	1867
Hammond, J. H.,	Minneapolis Minn	1869	* Kelly, Wm.,		1846
Hanover, William,	Seaforth, O	1875	† Kelly, Thomas,	Durham, O	1873
Harding, F. W.,		1868	Kempt, William,	Lindsay, O	1864
Harkin, Henry,	Guelph, O	1867	Kennedy, Richard A.,	Montreal	1864
Harkin, William,	Vankleek Hill, O	1858	* Kerr, James,		1858
Harkness, John,	Dickson's Corners, O	1862	Killery, St. John,	Surg. Maj. Army	1862
Harkness, Andrew,	New Lancaster, O	1869	King, Wm. M. H.,	St. Sylvestre, Q	1859
Hart, George C.,		1879	King, Reginald A. D.,	Compton, Q	1868
Hanington, E. B. C.,	Victoria, B C	1875	King, Richard,	Peterboro, O	1867
Hanna, Franklin		1879	* Kirkpatrick, A.,		1856
Harrison, David Howard,	St. Mary's, O	1864	Kittson, John G., Surg.	North West	
* Hart, Frederick W.,		1835		Mounted Police	1869
Harvey, Wm. A.,		1874	Kittson, Edmund G.,	Hamilton, O	1873
Hayes, James,	Simcoe	1866	Knowles, James A.,		1866
Heard, C. De W.,	Charlottetown, P. E. I		Kollmyer, Alex. H.,	Montreal	1856
Hebert, P. Zotique,	Whitehall, N Y	1872	Laberge, Ed.,	St. Philomène, Q	1856
† Henderson, Alexander A.,	Ottawa, O	1870	Lane, John A.,	Oswego, N Y	1877
*Henderson, E. G.,			Lang, Christopher L.,	Owen Sound, O	1876
Henderson, Peter, A. M.,		1848	* Lang, Thos. D.,		1866
Henderson, And.,	Montreal	1880	Langlois, O. X.,	Windsor, O	1875
* Henry, Waiter (Hon)		1853	Langrell, Richard T.,	Eau Claire, Wis	1865
* Henry, Walter J.,		1856	Laroque, A. B.,	Montreal, Q	1847
Henwood, Alred J.,	Brantford, O	1879	Law, W. C.,	Bond Head, O	1863
Hervey, Jonas J.,		1866	Law, William K.,		1877
Hetherington, Harry,	Stanstead, Q	1872	† Lawford, John B.,	London, Eng	1879
Hickey, Charles E.,	Morrisburg, O	1866	Lawrence, Henry J. H.,	Surg. Maj. 3rd	
Hickey, Samuel A., B. A.,	Aultsville, O	1874		Grenadier Guards	1862
Hills, Joseph,		1873	Leavitt, Julius,		1866
Hingston, W. H.,	Montreal	1851	Leclerc, George,	Montreal	1851



Leclair, Napoléon,	Lancaster, O	1861	McGeachy, William,	Iowa, O	1867
Lee, James, C.,		1856	McGill, William,	Oshawa	1849
* Lee, John Ralph		1848	McGillivray, Donald,	Ottawa	1861
Lefebvre, John M.,	Brockville, O	1879	McGowan, Henry W.,	Bolton, Q	1867
Legault, D.,	Salaberry de Valleyfield	1868	McGrath, Thomas,		1849
Lemoine, C.,	St. Pierre, Ile d'Orléans	1850	McGregor, Duncan,	Chatsworth, O	1861
Lepailleur, Leonard,	St. Martine, Q	1848	McGuigan W. J.,	Port Edward, O	1879
Leprohon, John L.,	Montreal	1843	McGuire, Bernard D.,		1873
Levi, Reuben,	Inverness, Q	1876	McImoyl, Henry A.,	Clayton, N Y	1876
Lindsay, Heriot,	St Johns, Q	1861	McInnes, Walter J.,	East Saginaw, Mich	1865
Lister, James,		1862	McIntosh, James,	Rapid City, N W T	1859
Lloyd, H. W.,	London, O	1879	McIntosh, Donald J.,	Vankleek Hill, O	1870
* Locke, C. F. A.,		1872	McIntyre, Peter A.,	Souris, P E I	1867
Logan, David D.,		1842	McKelcan, George Lloyd,	Hamilton	1860
Logau, Robt.,	Iona, Mich	1880	McKenzie, B. E., B. A.,	Richmond Hill, O	1880
Logie, William,		1833	McKay, John,	Woodville, O	1869
* Long, Alexander,		1844	McKay, Walter,	Woodburn, O	1854
Longley, Edmund,		1866	McKinley, John K.,	Portage du Fort, Q	1878
Longpre, Pierre F.,		1848	McLaren, Peter,	Ormslow, Q	1869
Louporet, André,		1850	McLaren Peter,	Falsley, O	1861
Loux, William,	Russell, O	1870	McLaren, Peter,		1872
Loverin, Nelson,	Montreal	1855	McLaren, D. C., B. A.,	Montreal, Q	1880
Lovett, William,		1870	McLean, Alexander,		1860
† * Lucas, T. D'Arcy,		1869	McLeod, James,	Charlottetown, P E I	1873
Lundy, E. L.,	Surg. Maj. Army	1862	McMicking, George,	Goderich, O	1851
Lyford, Chs. C.,	Minneapolis, Minn	1879	McMillan, Aeneas J.,	Edwardsburg, O	1874
Lyou, Arthur,	Shawville, Q	1861	McMillan, Louis J. A.,	Rigaud, Q	1860
Maas, Rudolph,	Negaunee, Mich	1880	McMillan, John,		1857
* MacDermid, John D.,		1847	McMurray, Samuel,		1841
MacDonald, Angus,	St. Paul, Min	1863	* McNaughton, E. P.,		1834
* MacDonald, Colin,		1853	McNee, Stewart,	Portage du Fort, Q	1879
MacDonald, Roderick A.,	Surg. Prov.		McNeece, James,		1869
	Penitentiary, Ma	1874	McNeill, Ernest,	Orwell, P E I	1878
MacDonell, Aeneas,		1849	McNulty, M.,	Iroquois, O	1880
MacDonnell, Richard L.,	B. A., Montreal	1876	McQuillen, James,	Marquette, Mich	1874
MacFarlane, William,	Almonte	1869	McKae, George,	Ottawa, O	1876
Macfie, James,	W Covington, N Y	1869	McTaggart, Alexander,	Parkhill, O	1869
MacIntosh, Robert,	Meaford	1863	McVean, John M.,		1865
Mack, Francis Lewis,	Arden, O	1862	Madill, John,	Thornton, O	1867
* Mackie, J. R.,		1865	Major, George W., B. A.,	Montreal	1871
* Macklem, Samuel S.,		1859	Malcolm, John Ralph,	Scotland, O	1861
MacLean, Archibald,	Sarnia, O	1867	* Malhiot, Alfred,		1846
* Macnabb, Francis A. L.,		1870	Malloch, Edward C.,	Ottawa, O	1863
McArthur, Robert D.,	Chicago,	1867	Malloch, William B.,	Brockville, O	1867
McArthur, John A.,	Port Elgin, O	1879	Mallory, Albert E.,		1872
McBain, John,	Martintown, O	1874	Marceau, Louis T.,	Napierville, Q	1872
McCallum, Duncan C.,	Montreal	1850	Markell, Richard S.,		1867
McCann, J. J., B. A.,	Hopkinton, Mass	1878	* Marr, Israel P.,		1849
McCarthy, W.,	Chicago, Ill	1867	Marr, Walter H.,		1859
McConkey, T. C.,	Barrie, O	1872	Marr-ton, Alonzo W.,	Montreal	1871
McConnell, John B.,	Montreal	1873	Marston, John J.,		1863
* McCord, John D.,		1864	Mason, James Lindsey, M. A.,	Cornwall	1863
McCormick, Andrew G.,	Durham, Q	1874	Mattice, Rich. J.,		1875
McCrimmon, Donald A.,	Lucknow, O	1869	† Matheson, John H.,	St. Mary's, O	1871
McCrimmon, John,	Woodville, O	1878	* Mathieson, Niel,		1870
McCrimmon, Milton,	Palermo, O	1878	Mayrand, William,	St. Andrews, Q	1847
McCullough, George,	St. Mary's, O	1879	Meane, John,	Staff Srg. Maj. Army	1869
* McCulloch, Michael	(Hon)	1843	Meek, James A.,	New York	1875
McCully, Oscar J. M. A.,	Baie Verte, N B	1879	* Meigs, Malcolm R.,		1865
McCurdy, John,	Chatham, N B	1866	Menzies, John B.,		1879
McDermid, Wm.,	Dunvegan, O	1875	* Meredith, Thomas L. B.,		1842
McDiarmid, Donald,	Atkol, O	1867	Metcalfe, Henry J.,		1876
McDiarmid, James,	Prospect, Co. Lk., O	1873	Mignault, Henri A.,	St. Denis, Q	1860
† McDonald, John A.,	Montreal	1880	Mignault, L. D., B. A.,	Montreal	1880
McDonald, Jos. D. A.,		1873	Miller, Robert,		1870
McDonald, R. C.,	Perth, O	1880	Mills, Thos. W., M. A.,	Hamilton	1877
McDonald, Roderick,	Cornwall, O	1834	Miner, Frank L.,	Honolulu Swh. Is	1878
McDonell, Alex. R.,	Alexandria, O	1874	* Mines, William W.,		1874
McDonell, Angus C.,	Montreal	1852	Mitchell, Fred. H.,	London	1871
McDougall, Peter A.,	Ottawa, O	1864	Moffatt, John Edward,	Staff Surg. Army	1862
McDougall, Peter A.,		1847	Moffatt, Walter,	Quebec	1868
McEachran, W.,	Montreal	1880	Molson, William A.,	Montreal	1874
McEwen, Findlay,	Carlton Place, O	1870	Mongenais, Napoléon,	Rigaud, Q	1865
McGarry, James,	Drummondville, O	1858	Monk, Geo. H.,	St. Therèse, Q	1875

Moore, Charles S.,	London, O	1874	Powell, Newton W.,	Cobourg, O	1850
Moore, Jehiel T.,	Port Burwell, O	1874	† Powell, Robert H. W.,	Ottawa	1876
Moore, Joseph,		1852	Powers, George W.,	Eaton, Q	1861
Moore, Richard,		1853	Powers, Lafontaine B.,	Port Hope, O	1867
Moore, Robert C.,		1869	Pringle, George,	Cornwall, O	1855
* Morin, Josh (Hon).		1850	Pringle, A. F.,	Cornwall, O	1880
* Morrison, David R.,		1869	Prosser, Wm. O.,	Newington, O	1874
Morrison, John, M.A.,	Waddington, N Y	1872	Proudfoot, John S.,		1868
Mount, John W.,	Montreal	1851	Proulx, Philéas,	Montreal	1869
Munro, Alexander,	Montreal	1876	Prevost, E. Gilbert,	Terrebonne, Q	1844
Munro, James T.,		1872	Pulford, F. W.,	Winnipeg, Man	1859
Murray, Charles H., B.A.,	11 M Indian Army	1876	* Quarry, James J.,		1880
Neilson, W. J.,	Perth, O	1878	Quesnel, Jules M.,		1868
Nelles, Jas. M.,	Canton, Ill	1875	Rea, John Hamilton (Hon)		1849
Nelles, John A.,	London, O	1850	Rainville, Pierre,		1853
* Nelson, Horace,		1861	Rambault, J.,	Dept. Insp Gen. Army	1859
* Nelson, Wilfred (Hon)		1848	Rattray, Charles J.,	Cornwall	1871
Nelson, Wilfred D. E.,	Bermuda, W I	1872	Rattray, James C.,	Cobden, O	1874
Nicol, William R.,	Watkins, N Y	1872	Raymond, Olivier,	Montreal	1850
Nicholls, Chas. R.,	Surgeon Major, Army	1862	Read, Herbert H.,	Halifax, N S	1861
Nesbitt, James A.,		1868	Redner, Horace P.,	Londsdale, O	1864
Norton, Thomas,	Hornings Mills, O	1854	Reddick, Robert,	West Winchester, O	1874
Oakley, William D.,	Dunham, Q	1877	Reddy, Herbert L., B.A.,	Montreal	1876
O'Brien, Thomas B. P.,		1862	Reddy, John (adeun)	Montreal	1866
O'Brien, Robert S.,	Grenville, Q	1873	Reed, Thomas D.,	Montreal	1871
O'Brien, David,	Renfrew, O	1873	Reed, John A.,		1871
O'Callaghan, Cornelius H.,		1854	Reid, Alex. Peter,	Halifax, N S	1858
O'Callaghan, T. A., B.A.,	Worcester, Mass	1880	Reid, Kenneth, 38 W. 26th st,	New York	1864
* O'Carr, Peter,		1857	Reynolds, Robert T.,		1866
* O'Connor, Daniel A.,		1867	* Reynolds, Thomas,		1842
O'Dea, James Joseph,	Long Island, U S	1859	Richard, Marcel,		1864
Odell, William,	Surgeon 19th Regiment of the Line	849	Richmond, P. E.,	Mount Pleasant, Minn	1873
O'Leary, James,	St. P'ascal, Q	1866	Ridley, Henry Thomas,	Hamilton, O	1852
O'Leary, Patrick,	Montreal	1859	* Riel, Etienne R. E.,		1857
Oliver, James W.,	Clifton, O	1868	Riley, Oscar H.,	Moer's Forks, Clinton Co. N Y	1874
O'Keilly, Charles,	Toronto, O	1867	Rinfret, Ferdinand R.,	Quebec	1868
Osler, William,	Montreal	1872	* Rintoul, David M.,		1859
* Padfield, Charles W.,		1868	Richardson, John R.,	Quebec	1865
Painchaud, Edward, S. L.,	Varennes, Q	1848	Riordan, B. L.,	Allan's Line S S	1880
Palmer, Loran L.,	Toronto, O	1843	Ritchie, Arthur F.,	B.A., Duluth, Minn	1876
* Paquin, Jean M.,		1846	Ritchie, John L.,	Army Med. Dept.	1874
Paradis, Henri,	Coaticook, Q	1867	* Roberts, Edward T.,		1859
Paradis, Pierre E.,		1-77	Roberts, John E., B.A.,	Jamaica, W I	1867
* Park, George A.,		1866	Robertson, James E.,	Montague, P E I	1865
Parker, Rufus S.,		1866	Robertson, David,	Milton, O	1864
Parke, Charles S.,	Quebec	1866	Robertson, David T.,	Lennoxville, Q	1857
* Paterson, James M.,		1855	Robertson, Patrick,	St. Andrews, Q	1847
Paterson, James,	Almonte, O	1864	Robillard, Adolphe,	Ottawa	1860
* Pattee, George,		1858	Robinson, Stephen J.,	Brantford, O	1876
Pattee, Richard P.,	Plantagenet, Q	1874	Robinson, Wesley,	Markham, O	1872
Fallen, Montrose A.,	New York	1864	Robitaille, Louis,	New Carlisle, Q	1860
* Patton, Edward K.,		1-67	Robitaille, L. T.,	Quebec	1858
Pegg, Austin J.,	Cayuga, O	1867	† Roddick, Thomas G.,	Montreal	1868
Pegg, Charles H.,		1852	Rodger, Thomas A.,	Montreal	1869
Perrault, Victor,		1868	Rogers, Amos,	Ottawa	1874
Perrier, John,	Cleveland, Ohio	1870	Rooney, R. F.,	Colfax, Placer Co, Cal	1870
Perrigo, James, M.A.,	Montreal	1870	† Ross, George, M A.,	Montreal	1866
Perry, H. R.,	Coteau Ldg., Q	1873	Ross, G. T.,	Montreal	1880
Phelan, C. J. R.,	Waterloo, Q	1865	Ross, Thomas,	Woodlands, Ca	1863
Phelan, James B.,	London, O	1874	Ross, Henry,		1872
* Phelan, Joseph P.,		1854	Ross, William G.,		1871
Phillip, David J.,	Brantford, O	1861	Ross, Wm. D.,	Buckingham, Q	1875
* Picault, A. C. E.,		1852	Rugg, Henry C.,		1865
Pickup, John W.,	Brockville, O	1867	Rumsey, William,		1859
Pinsoncault, B.,	Montreal	1880	Rutherford, M. C.,	Kenyon, Minn	1879
* Pinet, Alexis,		1840	Ruttan, Allen,	Napanee	1852
Pinet, Alex. It.,	St. Laurent, Q	1867	Ruttan, A. M.,	Napanee	1880
Poole, H. E.,	Wakefield, Q	1880	* Sabourin, Moise,		1849
Poussette, A. Courthope,	Sarnia	1860	Sampson, James (Hon)		1847
Powell, Israel Wood,	Victoria, B C	1860	Sanderson, George W.,	Orillia	1850
			Savage, Thos. Y.,		1854



Savage, Alex. C.,	Ottawa	1866	Taylor, Wm. H.,	Peterboro, O	1859
Sawyer, James H.,	Millbank, O	1863	Taylor, Sullivan A.,		1870
Schmidt, Samuel B.,	Montreal	1847	Tew, Herbert S.,	Wakefield, York E.	1864
* Scholfield, David T.,	Welland	1854	Temple, James A.,	Toronto	1865
Scott, John G.,	Bear Brook, O	1879	Thayer, Linus O.,	Montreal	1859
Scott, Stephen A.,		1869	Theriault, F. D.,		1863
Scott, Wm. E.,	Montreal	1844	Therien, Honoré,	Bedford, Q	1863
Scott, Wm. F.,	Ottawa, O	1875	* Thompson, James,		1842
* Scriven, George Augustus,		1846	Thompson, Robert,	Montreal	1852
Seager, Francis R.,	Millbank, O	1870	Tracey, A. W.,	West Meriden, Conn	1873
Secord, Levi,	Bright, O	1876	Frenholme, Edward Henry,	Montreal	1862
Settee, Edward W.,	Huntsville, N Y	1878	Trudel, Eugène H.,	Montreal	1844
Seguin, André,		1848	Furgeon, Louis G.,	Montreal	1860
Senkler, A. E.,	St. Paul, Minn	1863	Tuzo, Henry A.,		1853
Seymour, M. M.,	Montreal	1879	† Tunstall, Simon J., B A.,	St. Anns, Q	1875
* Sewell, Stephen C. (ad eun)		1843	Ussher, Henry,	Walkerton, O	1861
Sewell, Colin (ad eun)	Quebec	1869	Vannorman, Jonathan M.,		1850
Sharpe, Wm. James,		1872	Vercoe, Henry L.,	Egmondville, O	1865
Shaw, W. F.,	Gravenhead, O	1879	Vicat, John R.,	Melbourne, O	1867
Shaver, Peter Rolph,	Stratford, O	1854	† Vineberg, Hiram N.,	New Zealand	1878
* Shaver, R. N.,		1857	Wagner, A. Dixon, Dickinson's Ldg.,	O	1872
Shepherd, Francis J.,	Montreal	1873	* Wagner, William H.,		1844
Sherk, George,	Cheapside, O	1865	Wakeham, William,	Gaspé, Q	1866
Shoebottom, Henry, Port Huron, Mich		1857	Wales, Benjamin N.,	Buckingham, Q	1874
* Simard, Amable,		182	* Walker, Robert,		1851
Simpson, Thomas,	Montreal	1854	Wallace, Isaac T.,	Milton, Q	1874
Sinclair, Coll,	Aylmer, O	1874	Walsh, Edmond C.,	Madrid, N Y	1866
Small, H. B.,	Dominion Line S.S.	1880	Walton, George O.,	Barbadoes, W I	1873
Smallwood, John R.,	St. Clet, Q	1868	Wanless, John R.,	New Zealand	1867
Smellie, T. S. T., M.A., Pr. Arthur's			Ward, William T.,		1873
	Ldg., O	1877	Ward, Michael O'B.,	Montreal	1875
Smiley, J. S.,	St. Lambert, Q	1880	Warren, Frank,	Brooklin, O	1872
Smith, Daniel D.,		1848	* Warren, Henry,		1860
Smith, Daniel F.,		1874	Waugh, William,	London, O	1872
* Smith, Edward W.,		1859	Weagant, C. A.,	Yarker, O	1879
Smith, John,	Emerson, Man	1879	Webb, James T. S.,	Montreal	1871
Smith, Norman A.,		1870	Webster, Arthur D.,	Edinburgh, S	1878
Smith, William,	Lachute, Q	1876	Weilbrenner, Remi Claude,	Cap Santé	1851
Smythe, F. W.,		1848	Weir, Richard,		1852
Snider, Frederick S.,	Simcoe, O	1856	Wherry, John,		1862
Sparham, Terence,	Brookville, O	1841	Whitcomb, Josiah G.,		1848
Speer, Andrew M.,	Danville, Q	1874	Whitford, James W.,	Ottawa	1873
Spencer, R.,	Montreal	1879	Whiteford, Richard,	Detroit, Mich	1857
* Squire, William Wood, M.A.,		1864	Whitwell, W. P. O.,	Philipsburg, Q	1869
Stafford, Fred. J.,	Newfoundland	1878	Whyte, Joseph A.,	Sherbrooke, Q	1870
Stanton, George,	Simcoe, O	1868	Wigle, Hiram,	Wlarton, O	1875
Stark, George A.,	Milwaukee, Ohio	1872	* Widmer, Christopher (Hon)		1847
* Staunton, Andrew	Aylmer	1846	Wilcox, Marshall B.,		1868
Stevens, Alex. D.,	Dunham, Q	1857	Williston, H. V., M.A.,	Newcastle, N B	1879
Stevenson, Charles N., Canada Pacific			Wilson, Benjamin S.,	Belleville, Q	1866
	Railway	1876	Wilson, Robert M.,		1850
Stevenson, Hans,	Wakefield, Q	1880	Wilson, William,	Ottawa	1857
Stevenson, J. M.,	Bryanston, O	1856	* Wilsam, John Wilbrod,		1846
Stevenson, John A.,	London, O	1873	Wolverton, Algeron, B.A. Hamilton, O		1867
* Stevenson, John L.,		1851	Woods, David,	Staff Surgeon, Army	1860
Stevenson, Robert A.,	Strathroy, O	1871	Wood, George C.,		1849
Stewart, Alexander,		1872	Wood, George,	Faribault, Minn	1863
Stewart, John Alexander,		1862	Wood, Hannibal W.,	Knowlton, Q	1865
Stewart, James,	Brucefield, O	1895	Woods, Jno. J. E.,	Aylmer, Q	1875
Stewart, J. O.,	St. Anicet	1868	Woodfull, Sam., Pratt,	Asst. Surgeon	
Stephenson, James,	Iroquois, O	1850		Royal Artillery	1864
Stimpson, Alfred O.,	Thompson, Pa.	1868	Woolway, C. J.,	St. Mary's, O	1875
St. John, Leonard,	Chicago, Ill	1874	* Workman, Benjamin,		1853
Storrs, Arthur,	Cornwallis, N S	1876	Workman, Joseph,	Toronto	1-35
Stowbridge, James Gordon,		1862	Worthington, Edward (ad eun) Sher-		
Stroud, Charles S.,		1876	brooke		1863
Sutherland, Fred. Dunbar,		1861	Wright, John W., B.A.,		1878
Sutherland, Walter,	Valleyfield, Q	1874	Wright, Henry P.,	Ottawa	1872
* Sutherland, William,		1838	Wright, Stephen,	Newton, O	1859
* Sutherland, William,		1870	Wright, William,	Montreal	1848
Sutherland, William R.,	Montreal	1879	Wye, John A.,		1868
Switzer, Egerton R.,	Salina, Ks	1865	Young, Philip R.,	Clarenceville	1876
Tabb, Silas E., M.A.,	Sherbrooke, Q	1869	Young, Robert C.,		1873
Tait, Henry, Thomas,		1860	Yunker, William,	Stirling, O	1870
* Deceased.			† Holmes Metallist.		

## MASTERS OF ARTS.

*(For Addresses see list of Bachelors of Arts and of App. Sci.)*

Allworth, Rev. John, B.A.....	1875	Hindley, Rev. John, B.A.....	1873
Amaron, Rev. Calvin E., B.A.....	1880	Howe, Henry Aspinwall... (Hon)....	1855
Archibald, John S., B.A.....	1877	Jones, Montgomery, B.A.....	1873
* Bancroft, Rev. Charles (ad eun)....	1856	Kahler, Frederick A., B.A.....	1872
Bancroft, Rev. C., Junior, B.A.....	1870	Kemp, Rev. Alexander F... (Hon)....	1863
Baynes, Donald, B.A.....	1867	Kennedy, George T., B.A.....	1872
Bethune, Meredith Blenkarne, B.A....	1869	Kennedy, Rev. John, B.A.....	1860
* Bothwell, John A., B.A.....	1868	Kirby, James, B.A., B.C.L.....	1862
Bowman, Wm. M..... (Hon).....	1859	Krans, Rev. Edward H., B.A.....	1875
Boyd, John, B.A.....	1864	Laing, Rev. Robert, B.A.....	1877
Butler, Rev. John..... (Hon).....	1852	* Leach, Robert A., B.A., B.C.L....	1860
Cameron, Rev. James, B.A.....	1874	Lyman, Henry H., B.A.....	1880
Carmichael, Rev. J., B.A.....	1871	McCord, David R., B.A., B.C.L....	1867
Chamberlin, Browne, B.C.L. (ad eun).....	1857	McGregor, Duncan, B.A.....	1874
Chandler, George H., B.A.....	1879	McGregor, James, B.A.....	1868
Chapman, Rev. Charles, M.A., London Univ. (ad eun).....	1872	* McIntosh, John, B.A.....	1873
Clarke, Wallace, B.A., M.D.....	1872	McLaren, John R., B.A.....	1868
Clowe, John D., B.A.....	1874	McLennan, Rev. Duncan H., B.A....	1875
Cornish Rev. George, B.A.....	1863	Markgraf, Charles F. A... (Hon)....	1865
Crothers, Rev. William J., B.A.....	1875	Mason, James L., B.A.....	1863
Cushing, Lemuel, B.A., B.C.L.....	1867	Mattice, Corydon J., B.A.....	1862
Dart, William J., B.A.....	1874	Morris, Alex., B.A., B.C.L.....	1852
Davidson, Rev. James, B.A.....	1866	Morrison, Rev. James D., B.A.....	1868
Davidson, Charles P., B.A., B.C.L....	1867	Morrison, John, B.A.....	1870
Davidson, Leonidas H., B.A.....	1867	Munro, Rev. Gustavus, B.A.....	1874
Dawson, William B., B.A.....	1879	* Perkins, John A., B.A.....	1862
Dey, Rev. William J., B.A.....	1875	Perrigo, James, B.A.....	1869
DeWitt, Caleb J., B.A.....	1864	* Plimsoll, Reginald J., B.A.....	1867
Dickson, George, M.A., Victoria Col. (ad eun).....	1879	Ramsay, Robt. A., B.A., B.C.L....	1867
Dougall, John Redpath, B.A.....	1867	Robins, Sampson Paul, B.A.....	1868
Duff, Rev. Archibald, B.A.....	1867	* Rodger, David..... (Hon).....	1856
Duncan, Alexander E., B.A.....	1875	Ross, George, B.A., M.D.....	1866
Ells, Robert, B.A.....	1875	Roy, Rev. James, M.A., Victoria Col. (ad eun).....	1879
Empson, Rev. John, B.A.....	1879	Shaw, Rev. W. J., M.A., Victoria Col. (ad eun).....	1880
Forneret, Rev. George A., B.A.....	1880	* Stewart, Rev. Colin Campbell, B.A.	1870
* Gibb, George D., M.D... (Hon)....	1856	Tabb, Silas Everett, B.A.....	1869
Gibson, Thomas A..... (Hon).....	1856	Thorburn, John..... (Hon).....	1861
Gilmau, Francis E., B.A.....	1865	Trenholme, Norman W., B.A., B.C.L.	1867
Gould, Edwin, B.A.....	1860	Torrance, Rev. Edward F., B.A.....	1874
Graham, John H..... (Hon).....	1859	Wallace, Rev. R. W., B.A.....	1875
Green, Joseph, B.A.....	1864	Ward, George B., B.A.....	1880
Hall, Rev. Wm., B.A.....	1867	Wicksteed, Richd. J., B.A., B.C.L....	1866
Hart, Lewis A., B.A.....	1869	* Wilkie, Daniel..... (Hon).....	1869
Hicks, Frank W., B.A.....	1870	Wilson, John, B.A.....	1870
		Wotherspoon, Ivan Tolkein, B.A....	1869

\* Deceased.

## MASTERS OF ENGINEERING.

Dawson, William B., B.A., Ba. App. Sci.....	1880
McLeod, Clement H., Ba. App. Sci.....	1878

## BACHELORS OF CIVIL LAW.

* Abbott, Christopher C.....	1850	Chambers, A. Busteed, Napanee.....	1875
Abbott, Harry, 11 Hospital St. Montreal.....	1878	Charland, Alfred.....	1863
Abbott, John J. C., 11 Hospital St. Montreal.....	1854	Charrette, Pierre P., Montreal.....	1877
Abbott, John B., 11 Hospital St. Montreal.....	1874	Chauvet, Améée, Montreal.....	1873
Adam, Joseph, 38 St. James St. Montreal.....	1878	Chauveau, Alexandre, Quebec.....	1867
Adams, Abel, Waterloo.....	1867	Choquette, Frs. X.....	1874
Allan, Irvine.....	1862	Choquet, Ambroise, 42 St. Sulpice St. Montreal.....	1865
Alguire, J. C., Montreal.....	1880	Coruelli Z. E., 112 St. François Xavier St. Montreal.....	1879
† Archibald, John Sprott, M.A., 112 St. François Xavier St. Montreal.....	1870	Couillard, Edouard, 56 St. Gabriel St. Montreal.....	1875
Archambault, Henri.....	1874	Couillard, Jean B.....	1865
Archambault, Joseph L.C., 488 Craig St. Montreal.....	1871	Coutlée, Lewis W. P., Hull, Q.....	1873
Armstrong, Louis, 11 St. James St. Montreal.....	1861	Conroy, Robert Hughes, Aylmer.....	1869
Ascher, Isidore G., Montreal.....	1863	Cooke, Joseph P., Montreal.....	1880
† Atwater, Albert W., Montreal.....	1880	Cowan, Robert C., 235 St. James St. Montreal.....	1862
Austin, Joseph E., Montreal.....	1880	Creighton, J. G. Aylwin, Montreal.....	1880
Aylen, John, M.D., Aylmer, Q.....	1861	* Crammen, W. J.....	1878
Aylen, Peter, B.A.....	1854	Cross, A. S., 182 St. James St. Montreal.....	1878
* Badgley, Frank H.....	1852	Crothers, Robert A., B.A., Bedford Q.....	1878
Bagg, Robert Stanley Clark, 19 St. James St. Montreal.....	1871	Cruikshank, William G., 60 St. James St. Montreal.....	1872
Bampton, Geo. E., Lachute.....	1879	Curran, Joseph C.....	1862
Barnston, John G., Manitoba.....	1856	Cushing, Charles, 110 St. James St. Montreal.....	1869
Barry, Denis, 6 St. James St. Montreal.....	1872	Cushing, Lemuel, Junr., M.A., 217 St. James St. Montreal.....	1865
Baynes, Edward Alured, McGill College.....	1867	Daly, J. G.....	1858
Baynes, O'Hara, 11 Hospital St. Montreal.....	1874	Dansereau, Arthur, Montreal.....	1865
Beaudin, Siméon, 44 St. Vincent St. Montreal.....	1878	Dansereau, Clément, 62 St. Hubert St. Montreal.....	1877
Beauchamp, Joseph, 89 St. James St. Montreal.....	1878	Darby, Daniel, Waterloo.....	1870
Bergeron, Horace, Beaubarnois, Q.....	1877	Darey, Pierre J., M.A., Montreal.....	1868
Benjamin, Lewis N., 162 St. James St. Montreal.....	1863	David, Alphonse, 186½ Notre Dame St. Montreal.....	1872
Beaubien, Nap. H., Yamachiche, Q.....	1877	Davidson, Charles P., M.A., 182 St. James St., Montreal.....	1863
Berthelot, Louis H., 7 Beaver Hall Sq., Montreal.....	1878	Davidson, Leonidas Heber, M.A., 217 St. James St. Montreal.....	1864
Berthelot, Joseph B., Montreal.....	1880	Day, Edmund T., 192 Notre Dame St. Montreal.....	1863
† Bethune, Meredith B., M.A., 11 St. Sacrament St. Montreal.....	1869	De Beaumont, Alfred L., Montreal.....	1880
Birny, Jean B. S., Montreal.....	1880	Decary, Aldéric, 188 St. Denis St. Montreal.....	1879
Bisaillon, François Joseph, 11 Place d'Armes Hill, Montreal.....	1876	De Martigny, Charles L., Montreal.....	1880
Bissonette, Louis A., 36 St. Vincent St. Montreal.....	1878	Desaulniers, Alexis L.....	1861
* † Bothwell, John A., B.A.....	1866	Desaulniers, Henri Lesieur, Montreal.....	1864
Bouthillier, Charles F., 57 Union avenue, Montreal.....	1867	Desaulniers, Dionis, 223 Notre Dame St. Montreal.....	1876
Boyd, John, B.A., Toronto.....	1864	Desmarais, Odilon, St. Hyacinthe.....	1876
Bowie, Duncan E., Montreal.....	1873	Des Rivières, Rodolphe, 15 St. Vincent St. Montreal.....	1875
Brakenridge, James W., Montreal.....	1880	Desrochers, Jean L. B.....	1863
Branchaud, Athanase, 14 St. James St. Montreal.....	1862	Desrosiers, Joseph, 221 St. Lawrence St. Montreal.....	1873
Brooke, C. J., Richmond, Q.....	1878	Doak, George O., Coaticook, Q.....	1863
Bullock, Wm. E., B.A.....	1863	† Doherty, Charles J., 50 St. James St. Montreal.....	1876
Busteed, E. B., 273 Bleury St. Montreal.....	1879	Doherty, Thomas J., 50 St. James St. Montreal.....	1863
Butler, Thomas P., 34 St. James St. Montreal.....	1865	Dorion, Adélaide A. L., 160 Notre Dame St. Montreal.....	1862
Calder, John, 67 St. Sulpice St. Montreal.....	1871	Dorion, Louis C. W., 24 St. James St. Montreal.....	1877
Capey, George, Bedford, Q.....	1877	Doré, Pierre J., Laprairie.....	1880
Carden, Henry.....	1860	Doutre, Pierre.....	1858
Caron, Adolphe P., Quebec.....	1865	* Doutre, Gonzalve.....	1861
Carter, Christopher B., 103 St. François Xavier St. Montreal.....	1866	Driscoll, Netteville H., 64 St. James St. Montreal.....	1861
Carter, Edward, Q.C., Montreal.....	1864	* Drummond, William D.....	1867
Carter, George F., 31 Cadieux St. Montreal.....	1879	Dubuc, Joseph, Manitoba.....	1869
Chamberlain, Brown, Ottawa.....	1850		
Chamberlain, John, Junr.....	1867		

Duchesnay, Henri J. T., Beauce, Q.....	1866	Jones, Richard A. A., B.A., Montreal..	1864
Duffy, Henry T., B.A., Sweetburg, Q.....	1878	Joseph, Joseph O., 33 St. Gabriel St.	
Dugas, François O., Montreal.....	1880	Montreal.....	1864
Duncan, Alexander E., B.A., 19 Slater		Kavanaugh, H. J., 117 St. François	
St. Montreal.....	1879	Xavier St. Montreal.....	1878
Dunlop, John, 12 Hospital St. Montreal	1860	Keller, Francis J., 178 St. James St.	
Duprat, Pierre N., Montreal.....	1866	Montreal.....	1869
Durand, Naphthalie, 67 St. Sulpice St		* Kelly, John P.....	1862
Montreal.....	1864	Kemp, Edson, B.A., 235 St. James St.	
Ethier, Léandre, 352½ Lagauchetière St.		Montreal.....	1859
Montreal.....	1879	Kenny, Wm. R., Aylmer, Q.....	1865
Ethier, Marc, 25 St. Gabriel St. Montreal	1877	Kirby, James, M.A., 19 St. James St.	
Faribault, Joseph E., L'Assomption, Q.....	1878	Montreal.....	1862
Farmer, Wm. O., Montreal.....	1866	Kittson, George R. W., 60 St. James St.	
Fay, John E., Knowlton, Q.....	1878	Montreal.....	1867
Fisher, Roswell C., Knowlton, P. Q.....	1859	Knapp, Frédéric A., 17 St. John St.	
Fisk, John J., Coaticook.....	1868	Montreal.....	1877
Fleet, Charles J., B.A., 28 St. François		Labadie, M. T. Adolphe, Montreal.....	1874
Xavier St. Montreal.....	1879	Labadie, Y. A. Odilon, Montreal.....	1874
Foran, Thomas P., 178 St. James St.		Lacoste, Arthur, Montreal.....	1869
Montreal.....	1870	Lafamme, R. G., Montreal.....	1866
Forget, Adélard, 64 St. Gabriel St.		Lafamme, Léopold, 42 St. James St.	
Montreal.....	1877	Montreal.....	1869
Franks, Albert W.....	1871	Lafleur, Eugène, B.A., Montreal.....	1880
* Gardiner, William F.....	1856	* Lafrenaye, P. R.....	1866
Galarneau, Joseph Antoine.....	1864	Lambe, William B., 353 Notre Dame St.	
Galbraith, William, Kingston, Ont.....	1875	Montreal.....	1850
Garon, Alphonse P.....	1877	Lancetot, Husmer, 3 Place d'Armes Hill	
Gaudet, Oscar, 160 Notre Dame St. Mont-		Montreal.....	1878
real.....	1878	Lancetot, Médéric, 69 Upper St. Urbain	
Gauthier, Zéphirin, Sorel, Q.....	1859	St. Montreal.....	1860
Gélinas, A., Manitoba.....	1876	Laplaute, Jean Baptiste, St. Stanislas.....	1880
Geoffrion, Christopher A., 24 St. James		Lareau, Edmund (ad. eun), Montreal.....	1874
St. Montreal.....	1866	Larivière, Joseph.....	1874
Gibb, James R., Montreal.....	1868	Larose, Téléphore.....	1860
Gilman, Francis E., M.A., 199 St. James		Lassalle, Lucien, 6 St. James St. Montreal	1877
St. Montreal.....	1865	Laurier, Wilfred, Arthabaskaville Q.....	1864
Girouard, Désiré, 56 St. François Xavier		Lavolette, Pierre B., 16 St. Vincent St.	
St. Montreal.....	1869	Montreal.....	1878
Glass, James M., 67 St. François Xavier		* Lav, Warren Amos.....	1867
St. Montreal.....	1876	Lawlor, Richard S., Aylmer, Q.....	1865
† Gordon, Asa, Aylmer, Q.....	1867	Leach, David S., Montreal.....	1861
Gosselin, Jean, Quebec.....	1877	* Leach, Robert A., M.A.....	1860
† Goodhue, Henry S. W. (West Indies)	1877	Lebeuf, Louis C., 57 St. Gabriel St.	
Goyette, Henri A., Beauharnois, Q.....	1880	Montreal.....	1873
Grahame, Dugald, 1134 Dorchester St.		Leblanc, Albert, 23 St. Denis St. Mont-	
Montreal.....	1878	real.....	1879
† Greenshields, James N., 181 St. James		Ledieu, Léon, 1 St. Pierre St., St. Henri,	
St. Montreal.....	1876	Montreal.....	1879
Grenier, Amédée L. W.....	1863	Lefebvre, Frédéric, 6 St. James St.	
Hackett, Michael F., Stanstead.....	1874	Montreal.....	1863
Hall, John S., B.A., 34 St. James St.		Lebourveau, Steadman A., 63 St. Fran-	
Montreal.....	1875	çois Xavier St. Montreal.....	1876
Hall, William A., 34 St. James St. Mont-		Leet, Seth P., 13 Hospital St. Montreal	1879
real.....	1863	Levy, J. C. E., 20 St. Louis St. Montreal	1878
Hammond, Henry R., Chatham.....	1880	Loneragan, James, 34 St. James St. Mont-	
Harnett, Wm. de Courcy, City Hall,		real.....	1873
Montreal.....	1870	Loneragan, Michael L. S., 151 St. James	
Hart, Lewis A., M.A., 194 St. James St.		St. Montreal.....	1871
Montreal.....	1869	Loranger, Louis George.....	1863
Hemming, Edward J., Arthabaska.....	1855	Lynan, Elisha Stiles.....	1865
† Hodge, David W. R., B.A., Sher-		Lyman, Frederick S., B.A., 12 Hospital	
brooke, Q.....	1874	St. Montreal.....	1869
Holton, Edward, 199 St. James St.		† Lynch, Wm. W., Quebec.....	1868
Montreal.....	1865	Mackenzie, Fred., 5 Prince of Wales	
Houghton, John G. K.....	1863	Terrace, Montreal.....	1861
Howard, Rice M., Winnipeg.....	1869	Madore, Camille, Notre Dame de Grâce	1880
Houlston, Alexander, Three Rivers.....	1865	† Major, David, 61 St. Gabriel St. Mont-	
Hunter, Herbert S., Montreal.....	1880	real.....	1875
* Huntington, Russ Wood.....	1875	Major, Edward James, 403 Guy St. Mont-	
† Hutchinson, Matthew, Montreal.....	1873	real.....	1871
Jenkins, George E., 37 Mackay St. Mont-		† Marler, Wm. De M., B.A., 115 St. Fran-	
real.....	1874	çois Xavier St. Montreal.....	1872
Jodoin, Isaac.....	1858	Martineau, Paul G., 84 Champlain St.	
Johnston, Edwin R., Stanstead, Q.....	1866	Montreal.....	1879



McCord, David Ross, M.A., 82 St. François Xavier St. Montreal.....	1867	Purcell, John D., 146 St. James St. Montreal.....	1877
McCorkill, John C. G. S., 178 St. James St. Montreal.....	1877	Rainville, Henri Benjamin, 43 St. Gabriel St. Montreal.....	1873
McCormack, Duncan L., 112 St. François Xavier St. Montreal.....	1871	Ramsay, Robert A., M.A., Merchants' Exchange, 11 St. Sacrament St. Montreal.....	1866
McDonald, Frank H.....	1873	Reddy, Wm. B. S., Montreal.....	1880
McDonald, John S.....	1876	Ricard, Damase F. J.....	1859
McDougall, John W. C., Three Rivers, Q.....	1877	Richard, Emery Edward, Battleford, N. W. T.....	1867
McFee, Kutusoff N., B.A., Montreal.....	1880	Richard, Edward E.....	1868
* McFee, Thos. d'Arcy.....	1861	Ritchie, Wm. F., B.A., 660 Sherbrooke St. Montreal.....	1879
McGibbon, R. D., B.A., 103 St. François Xavier St. Montreal.....	1879	Rixford, Em Hawkins, San Francisco.....	1865
McGonn, Archibald, B.A., 1883 St. Catherine St. Montreal.....	1878	Robidoux, J. Emery, 10 St. James St. Montreal.....	1866
McIntosh, John, B.A., Molsons Bank Chambers, Montreal.....	1868	Robillard, Emile.....	1874
McKercher, John, Montreal.....	1880	Roche, Charles A., 212 Notre Dame St. Montreal.....	1861
* McKinnon, Edmund.....	1878	Rose, William, London, England.....	1866
MacLaren, John J., 13 Hospital St. Montreal.....	1868	Ross, Walter Lord, 11 Hospital St. Montreal.....	1879
McLaren, John Robert, M.A., 525 Sherbrooke St. Montreal.....	1859	Sabourin, Ernest.....	1863
* McLaurin, John Rice.....	1867	Santoire, Camille, Montreal.....	1873
McLean, B. C., 19 St. Monique St. Montreal.....	1879	Sarrasin, Ferdinand Léon, 16 St. Vincent St. Montreal.....	1871
McLennan, William, Montreal.....	1880	Scallon, William, Montreal.....	1876
† McMaster, Donald, 181 St. James St. Montreal.....	1871	Sexton, James Pousonby, 59 St. François Xavier St. Montreal.....	1860
* McNaughton, Peter J.....	1879	Sharp, W. Prescott, Montreal.....	1880
Merry, John Wesley, Sherbrooke, Q.....	1870	Short, Robert, Richmond, P.Q.....	1867
Messier, Damase, 56 St. Gabriel St. Montreal.....	1875	Sicotte, Victor B., Cadastre Office, Montreal.....	1862
Messier, Joseph S., St. John, Q.....	1868	Snowdon, H. L., 67 St. François Xavier St. Montreal.....	1856
† Mignault, Pierre B., 86 St. Vincent St. Montreal.....	1878	Spong, John J. R., Montreal.....	1874
Mitchell, Albert Ed., Sweet'sburg, Q.....	1867	St. Jean, Edmund R., Montreal.....	1879
Molson, Alexander, 101 St. François Xavier St. Montreal.....	1851	Stephens, Charles Henry, Montreal.....	1875
Monk, Ed. Cornwallis, 182 St. James St. Montreal.....	1870	Stephens, George W., Merchants' Exchange, Montreal.....	1863
Monk, Frederick, 89 St. James St. Montreal.....	1877	Stephens, Roméo H., 56 St. François Xavier St. Montreal.....	1850
Morrin, Pierre A., Montreal.....	1878	Stephens, Chas. O.....	1864
Morris Alexander, M.A., Toronto, Ont.....	1850	Taché, Pascal, Montreal.....	1876
Morris, John L., 353 Notre Dame St. Montreal.....	1859	Tait, Melbourne, Montreal.....	1862
Morrison, Adela, Napierville, Que.....	1878	Taschereau, Arthur, Quebec.....	1864
* Nagle, Sarsfield B.....	1862	Taylor, A. Dunbar, B.A., Montreal.....	1878
† Nicholls, Armine D., B.A., 43 Victoria St. Montreal.....	1879	Taylor, Reid, Montreal.....	1869
Nichol, Thomas, M.D., LL.B., 137 Bleury St. Montreal.....	1875	Terrill, Joseph Lee, Stanstead, Que.....	1865
Nutting, Charles A., Montreal.....	1872	Torrance, Fred. W., M.A., Montreal.....	1856
Ouimet, Adolphe P., 332 Lagachetière St. Montreal.....	1861	Trenholme, Edward H., M.D., Montreal.....	1865
Pamchaud, Joseph, Montreal.....	1880	† Trenholme, Norman W., M.A., Montreal.....	1865
Palliser, Joseph, 17 St. John St. Montreal.....	1877	Frudel, Bonthillier J., 75 Dubord St. Montreal.....	1879
Panet, Edouard A.....	1874	Vandal, Philippe, 58 St. François Xavier St. Montreal.....	1861
Papineau, Joseph G., 32 St. James St. Montreal.....	1869	Vilbon, Chas. A., 44 St. James St. Montreal.....	1863
Parisault, Chs. Ambroise.....	1859	Walker, William G., 112 St. François Xavier St. Montreal.....	1874
Pelletier, Louis C., 446 Mignonne St. Montreal.....	1877	* Walsh, Thomas Joseph.....	1860
Perras, P. N., 4 St. James St. Montreal.....	1878	Watts, William J., B.A., Drummondville, P.Q.....	1869
Perry, Joseph, New Orleans.....	1869	Weir, Robert S., Montreal.....	1880
* Perkins, John A., M.A.....	1860	* Welch, Alfred.....	1864
Perodault, Narcisse, 5 St. Thérèse St. Montreal.....	1876	Wickstead, Richard G., M.A., Ottawa.....	1865
Piché, Aristide.....	1868	Wight, James H.....	1868
Pillet, J. Henri, Court House, Montreal.....	1879	Wood, Franc Ogilvie, 146 St. James St. Montreal.....	1870
* Plinsoll, Reginald J., M.A.....	1861	Wotherspoon, Ivan T. (Laval) [ad eun] 11 Hospital St. Montreal.....	1869
Poutré, Félix E., Montreal.....	1874	Wright, William Mackay, B.A., Hull.....	1863
Power, Alexander W. A., Ottawa.....	1868	Wurtele, Charles J. C., Sorel, P.Q.....	1863
Préfontaine, Raymond, 14 St. James St. Montreal.....	1873	Wurtele, Jonathan S. C., Montreal.....	1870

\* Deceased.

† Elizabeth Torrance Medalists.

## BACHELORS OF ARTS.

Allan, James G., (†E), Lockport, N. S.	1873	Donald, James T., (†N), Montreal	1878
Allan, John, (N) Leeds, Q.	1874	Dougall, Duncan, Windsor, Ont.	1880
Allen, Frank A., Huntingdon, Q.	1880	Dougall, John Redpath, Montreal	1880
Allworth, John, (†E), Three Rivers,	1872	Drummond, Chas. G. B., (N), Montreal	1862
Anarson, Calvin E., (P 2),	1877	Duff, Archibald, (†E), Airedale Col-	1864
Q.	1866	lege, Yorkshire, Eng.	1864
Anderson, Jacob de Witt, (†C)	1866	Duffy, Henry T., (E 2), Bedford	1876
Anderson, James A., Montreal	1877	Duncan, Alexander, Montreal	1867
Archibald, John Sprott, (†E) Montreal	1867	Eadie, Robert, (†C), Oakland, O.	1879
Atwater, Albert W., Montreal	1877	Ells, Robert, (†N), Montreal	1872
Aylen, Peter, B.C.L., Aylmer, Ont	1859	Empson, John, 71 University St., Mont-	1874
Baneroff, Rev. Chas., junior, M.A.,	1866	real	1874
Knowlton, Q.	1866	Ewing, William, Winnipeg, Manitoba	1878
Barnston, Alexander, (†)	1857	Fairbairn, Thomas, (P 2)	1863
Bayne, George D., Montreal	1880	Ferguson, James D., (Morrin), Quebec	1880
Baynes, Donald, Canterbury, Eng	1864	Ferguson, John S., Montreal	1861
Beckett, William Henry	1863	* Ferrier, Robert W.	1857
Bennet, James, Montreal	1880	Fessenden, Elisha Joseph, Chippawa, O.	1863
Bethune, Meredith Blenkarne, (†N),	1866	Fleet, Charles J., (E), Montreal	1873
Montreal	1874	Forneret, Geo. A., Dunham Flats	1877
Black, James R.	1870	Fortin, Rev. Octave, (ad eun), Winnipeg,	1867
Blackader, Alex. D., (N), Montreal	1878	Man.	1867
Blakely, Malcolm D., Montreal	1878	Fowler, William, (N)	1865
Bland, Salem G., (Morrin), Montreal	1877	Fowler, Elbert	1868
Bocks, Charles E.	1852	Fraser, John, (Morrin)	1869
* Bothwell, John A., (†N)	1894	Gibb, Charles, 80 Aylmer St., Montreal	1865
Royd, John, (N 2)	1861	Gilman, Francis Edward, Montreal	1862
Brewster, William, (†C)	1865	Gore, Frederick	1861
Brooks, Charles H., (†N) Smyrna	1868	Gould, Charles H., (†C), Montreal	1877
Browne, Arthur Adderley, (†E), Mont-	1866	Gould, Edwin, Montreal	1866
real	1853	Graham, John, (†E), Williamstown, O.	1876
Brown, Thomas	1880	Graham John H., Ormstown, Que.	1878
Bull, Harecourt J., (†P), Montreal	1871	Grandy, John, Millbrook, Ont	1866
Bullock, William E., (†C), Millbrook, O.	1860	Gray, William, Union Theological Sem.,	1876
Cameron, James, M.A., (†M)	1871	New York	1876
Carmichael, James, Markham, Ont.	1867	Greenshields, Edward, (†P), 305 Peel	1869
Cassels, Hamilton, (Morrin), Milli-	1873	St., Montreal	1869
champ's Building, Adelaide St., To-	1866	Greenshields, Samuel, 90 Union Av.,	1874
ronto	1866	Montreal	1874
Cassels, Robert, (Morrin) (P) Ottawa	1866	Green, Joseph, (†C), 600 West 5th St.,	1861
Chandler, George H., (†M), 32 Lorne	1875	(Cincinnati, Ohio, U.S.)	1861
Avenue, Montreal	1866	Green, Lonsdale, 118 Leadenhall St.,	1864
Chipman, Clarence, Prescott, O.	1877	London, E. C., Eng.	1872
Chubb, Sydney C., (N 2), Brooklyn,	1872	Guérin, Edmund W. P., (†E), 692 Craig	1878
N.Y.	1869	St., Montreal	1874
Christie, John H., Lachute	1871	Hall, John S.	1874
Clark, Wallace, (†E)	1863	Hall, Rev. William, 80 Fort St., Mont-	1861
* Cline, John D., (†C)	1863	real	1866
Clove, John D.	1869	Hart, Lewis A., Montreal	1869
Cook, Archibald H., (Morrin) Quebec	1859	Harrington, Bernard J., (†N), Montreal	1874
Cornish, Rev. Geo., B.A., London Univ.	1856	Harvey, Alfred, St. John's, Newfoundld	1874
(ad eun) Montreal	1876	Harvey, Charles J., St. John's, New-	1874
Cox, Jacob W., Noel, Hants Co., N.S.	1880	foundland	1880
Craig, James A., (P 2) Fitzroy, O.	1874	Hemming, Henry, (Morrin) Quebec	1864
Craig, James, Renfrew, O.	1879	Hicks, Frank W., Montreal	1868
Cross, Alexander S., (†P), Montreal	1872	Hindley, John, Montreal	1870
Crothers, W. J., (P 2), Phillipsburg,	1876	Hodge, D. W. R., (†E), Sherbrooke, Q.	1872
Q.	1876	Holiday, Caleb S., Lachute, Q.	1870
Crothers, Robt. A., (†C), Bedford, Q.	1871	Howard, Robt. J. B., (†N), Montreal	1879
Coussirat, Rev. Adrian D., (ad eun)	1871	Jones, Montgomery, (E), Hatley, Q.	1869
Cunningham, Thomas E., (P 2), Mont-	1880	Johnston, Rev. Jas. A., (†P), Rutland,	1870
real	1880	Vermont	1870
Currie, Dougald, (E), Crinan, O.	1863	Joseph, Montefiore, (N), Quebec	1870
Cushing, Lemuel, (C), Montreal	1880	Kahler, Frederick A., (†C), German-	1869
Darcy, J. Hertert, (†C), Montreal	1868	town, Phil., U.S.	1880
Dart, William J., Laprairie	1863	Kays, Charles H., Hamilton, Ont.	1871
Davidson, Charles Peers, Montreal	1863	Kelley, Frederick W., (†E), Montreal	1859
Davidson, Rev. Jas., (ad eun), Montreal	1863	Kemp, Edson, Montreal	1868
Davidson, Leonidas Heber, Montreal	1874	Kennedy, George T., (N), Wolfville, N.S.	1867
Dawson, William B., (†N), Montreal	1878	* Kershaw, Philip G.	1867
Dawson, Rankine, (P 2), Montreal	1874	Kirby, James, (†), Montreal	1855
Dewey, Finlay McN., (P 2), Richmond, Q.	1871	Klock, Robert A., Aylmer, P.Q.	1861
Dev, William J., (N), Spencerville, Ont	1871	Krans, Edward H., (†E), N. York	1861
DeWitt, Caleb S., Lockport, Ill, U.S.	1861	Lafleur, Eugène, (†P), Montreal	1871



- Lafleur, Paul T., (†E), Montreal ..... 1880  
 Laing, Robert, (†P), Halifax, N.S. .... 1868  
 Lane, Campbell, 293 Peel St., Montreal. 1879  
 Larivière Vitalien, Roxton Falls, Q. .... 1880  
 \* Leach, Robert A. .... 1857  
 Lewis, Albert R., (E) ..... 1869  
 Lighthall, William D., (†F), Montreal. 1879  
 Lyman, Clarence A., Montreal. .... 1878  
 Lyman, Henry H., (†N), Montreal. .... 1876  
 Lyman, Frederick Stiles, Montreal. .... 1863  
 Major, George W., 1398 St. Catherine St., Montreal. .... 1870  
 Marler, Wm. de M., (†M), Montreal. .... 1868  
 Mason, James L. .... 1859  
 Matheson, John, Presbyterian College, Montreal. .... 1876  
 Mattice, Corydon J., Cornwall, O. .... 1859  
 Maxwell, John, (N), L'Original, O. .... 1872  
 McClure, Wm., (†M), Oshawa, O. .... 1879  
 McConnell, Richard G., (N) Montreal. 1879  
 McCord David Ross, Montreal. .... 1863  
 MacDonnell, Richard L., (†C), Montreal 1873  
 MacDuff, Alexander Ramsay ..... 1866  
 McFadyen, Allan L., Montreal ..... 1878  
 McFee, Kutusoff N., (†P), 30 St. Famille St., Montreal ..... 1874  
 McGibbon Robert D., Montreal. .... 1877  
 McGoun, Archibald, (†P), Montreal. .... 1876  
 McGregor, Archibald F., Listowell, Ont. 1877  
 McGregor, James, (C), Montreal. .... 1864  
 McGregor, Duncan, Guelph, Ont. .... 1871  
 \* McIntosh, John, (†E) ..... 1870  
 McKenzie, John, (Morrin). .... 1867  
 McKenzie, Robert, (P) ..... 1869  
 McKibbin, William M., Edwardsburg, O. 1875  
 McKibbin, Robert, Edwardsburg, Ont 1879  
 McKillop, Ronald, Inverness, Q. .... 1878  
 McLaren, David C., Montreal ..... 1878  
 McLaren, John R., 525 Sherbrooke St., Montreal. .... 1866  
 McLaren, Harry, (†) 67 Mansfield St., Montreal. .... 1858  
 McLean, Neil W., (Morrin) (P 2) ..... 1866  
 McLean, Bredalbane S., Montreal ..... 1869  
 McLennan, Duncan, H., Alexandria, Ont. .... 1871  
 McLennan, John S., (P), 317 Drummond St., Montreal ..... 1874  
 McLeod, Duncan C., (†M), Charlotte-town, P.E.I. .... 1873  
 \* McLeod, Hugh. .... 1866  
 McLeod, Finlay J., Winnipeg, Man. .... 1872  
 \* McQuar, Walter, (N). .... 1865  
 Mercer, Walter D., Montreal ..... 1880  
 Merritt, David, Prescott ..... 1863  
 Molson, Charles A., (†N), Montreal ..... 1880  
 Moore, Francis A. .... 1868  
 Morris, William, Montreal. .... 1859  
 Morris, Alexander, Toronto, O. .... 1849  
 Morrison, John ..... 1866  
 Morrison, James D., (†N), Ogdensburg, N. Y. .... 1865  
 Morrison, David W., (E), Ormstown, Q. 1870  
 Muir, Andrew C., N. Georgetown, Q. .... 1880  
 Muir, John F. .... 1864  
 \* Muir, Rev. E. P., (ad eun) ..... 1865  
 Munro, Gustavus, Embro, Ont. .... 1871  
 Munro, Murdoch, Williamstown, L'Original ..... 1872  
 Murray, Charles H., (†N) ..... 1873  
 Naylor, W. H., (†P), Clarendon, Q. .... 1872  
 Nowlinham, Jarvis A., Levis, Q. .... 1878  
 Ogilvie, Archibald, N. Georgetown, Q. .... 1880  
 Oliver, Theophilus H., (Morrin) (P 2) ..... 1866  
 Pense, George H., (†C), 120 Broadway, New York. .... 1864  
 Pedley, Hugh, Cobourg, O. .... 1876  
 Pedley, Charles S., (P), Port Perry, Ont. 1878  
 Porriro, James, (N) Montreal. .... 1866  
 \* Perkins, John A. .... 1858  
 Petit, Rev. Charles B. .... 1850  
 Phillips, Charles W. .... 1852  
 Pillsbury, Carol E., Augusta, Me., U.S. 1880  
 \* Plimsoll, Reginald J. .... 1853  
 Ramsay, I. Anstruther, B.C.L. (†N), Montreal. .... 1862  
 Raynes, Charles, Montreal. .... 1880  
 \* Redpath, George D. .... 1857  
 Redpath, William W., Montreal. .... 1879  
 Reddy, Herbert L., (E), Montreal. .... 1873  
 Rexford, Elton J., (P), Montreal ..... 1876  
 Ritchie, Arthur F., (C) 6 West 3rd St., St. Paul, Minn. .... 1873  
 Ritchie, Wm. F., (†C), 660 Sherbrooke St., Montreal. .... 1875  
 \* Roberts, George F., (P 2) Montreal. .... 1880  
 Robertson, Alex., (†N), 1100 Dorchester St., Montreal ..... 1870  
 Robertson, Robert, (P), Yarmouth N.S. 1877  
 Robins, Sampson Paul, (†M), Montreal. 1863  
 Ross, George, (†C) Montreal. .... 1862  
 Ross, James, (†P), Huntingdon, Q. .... 1878  
 Russell, Henry, (Morrin) ..... 1869  
 Scott, Henry C., (Morrin) (P), Montreal. .... 1866  
 Scott, Matthew H., (†N), Bristol, Que. 1877  
 Scriver, Charles W., Hemmingford, Q. 1880  
 Sherrill, Alvan F., (†N), Omaha, Nebraska, U.S. .... 1864  
 Slack, George, Montreal ..... 1868  
 Stethem, George T. .... 1862  
 Stevens, William H., St. Johns, Q. .... 1879  
 Stevenson, Samuel C., Montreal. .... 1874  
 Stevenson, Rev. J. F., B.A., London Univ., (ad eun), Montreal ..... 1876  
 \* Stewart, Colin Campbell, (†N). .... 1867  
 Stewart, William S., (†C), Charlotte-town, P.E.I. .... 1878  
 Stuart, Gustavus G., (†P), Quebec. .... 1875  
 Sweeney, James F., Franklin, Q. .... 1878  
 Tabb, Silas Everett, (N), Sherbrooke, Q. 1866  
 Taylor, Archibald D., (C), Montreal. .... 1874  
 Taylor, Edward T., Kingston, O. .... 1878  
 Taylor, Ernest M., Stanstead, Q. .... 1875  
 Thomas, Henry W., (†E), Montreal. .... 1874  
 Thornton, Rev. R., M.A., (Toronto) (ad eun) Glasgow, Scotland. .... 1871  
 Thornton, Hastwell W., (N), Montreal. 1873  
 Torrance, Edward F., (P 2), Peterboro, Ont. .... 1871  
 Torrance, Frederick W., Montreal. .... 1873  
 Torrance, John Fraser, Montreal. .... 1872  
 Trenholme, Norman Wm., (†P), Montreal. 1866  
 Tunstall, Simon J., (E), Montreal ..... 1873  
 Tupper, James S., (N), Toronto. .... 1871  
 Walker, John, (Morrin) Quebec. .... 1880  
 Walker, Thomas. .... 1860  
 Wallace, Robt. W., (P), London, Ont. 1872  
 Ward, George B., (†C), Orillia, Ont. .... 1874  
 Warriner, Rev. William H., (†E), Yorkville, Ont. .... 1877  
 Watson, Alindus J., London, Ont. .... 1875  
 Watts, Wm. John, (C), Drummondville, Q. .... 1866  
 Wellwood, James, Côte des Neiges, Q. .... 1873  
 Whillans, Robert, Ottawa. .... 1872  
 Wicksteed, Richard J., (C), Ottawa. .... 1863  
 Wilson, John, (E). .... 1866  
 Wood, Franc O., Montreal. .... 1869  
 Wood, Thomas F., Montreal. .... 1869  
 Wood, Holton H., 764 Sherbrooke St., Montreal. .... 1879  
 Witherspoon, Ivan T., (Morrin) (P). Montreal. .... 1866  
 Wright, Wm. McKay, Ottawa. .... 1861

## BACHELORS OF APPLIED SCIENCE.

*In Civil and Mechanical Engineering.*

Boswell, St. George J., Assistant Engineer Harbour Improvements, Quebec...	1874	McLeod, Clement H., Montreal.....	1873
Boulden, Charles M., Millersburg, Ky., U.S.....	1878	O'Dwyer, John S., Montreal (L).....	1880
Brodie, Robert J., Montreal.....	1873	Page, John, Lachine Canal Works, Office of Engineer, Montreal.....	1875
Batcheller, Alvan A., Bedford, Q.....	1875	Robertson, George S., do do do.....	1874
Chipman, Willis (N), Brockville, Ont.....	1876	Rogers, Richard B., Auburn, Ont.....	1877
Dawson, William B., B.A., Montreal.....	1875	Ross, George, Toronto, Ont.....	1875
Dudderidge, James, Lachute, Q.....	1880	Ross, Philip D., Montreal.....	1878
* Frothingham, John J.....	1875	Skaife, Wilfred T., Montreal.....	1880
Harvey, Charles J., B.A., St. John's, Newfoundland.....	1874	Spronle, William J., Montreal Harbour Works.....	1877
Hawley, David F., Aird, Q.....	1876	Stewart, Donald A., Fort William, L.S.....	1873
Hethrington, Frederick, Quebec.....	1876	Swan, John, Windsor St., Montreal.....	1878
Hall, Richard, Chelsea Road, nr. Ottawa.....	1878	Thompson, William T., (N), Cannington, Ont.....	1877
Hill, Arthur E., Sydney, C.B.....	1875	Walborg, William McL., Union Av., Montreal.....	1877
Jones, Thomas H., Bradford, Ont.....	1877	Wardrop, Norval, Brockville, Ont.....	1877
Kennedy, George T., M.A., Acadia College, Wolfville, N.S.....	1873	Wicksteed, Henry K., Ottawa.....	1873
McLean, Alexander J., Canada Pacific Railway.....	1874	Wilson, Robert A., Winnipeg, Man.....	1875

*In Mining and Assaying.*

Robertson, William F., (N 2), Montreal.....	1880	Torrance, John Fraser, B.A., (N), Tanguier, N.S.....	1873
Rogers, Richard B.....	1878	Wicksteed, Henry K.,.....	1874
Spencer, Joseph Wm., (N), Windsor, N S.....	1874	Wilkins, Dan. F. H., B.A., (Tor) (N), Chatham, Ont.....	1875

*In Practical Chemistry.*

Adams, Frank, (N), Geological Survey, Montreal.....	1878
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## GRADUATES IN CIVIL ENGINEERING.

Barnston, Alexander, B.A., M.D.....	1859	Kirby, Charles H., 58 Crescent St., Montreal.....	1860
Bell, Robert, (N), Geological Survey.....	1861	McLennan, Christopher.....	1859
Crawford, Robert.....	1879	Reid, John Lestock, Prince Albert, Man.....	1863
Doupe, Joseph, Winnipeg, Man.....	1861	Rixford, Gulian Pickering.....	1864
Edwards, George.....	1863	Ross, Arthur.....	1860
Frost, Geo. H., Tribune Building, N.Y.....	1860	* Savage, Joseph.....	1860
Gaviller, Maurice.....	1833	Walker, Thomas, B.A.....	1860
* Gooding, Oliver.....	1858		
Gould, James H.....	1862		

[C] First Rank Honours in Classics :

[E] do do do in English Literature, &amp;c.

[M] do do do in Mathematics and Physics.

[N] do do do in Natural Science.

[P] do do do in Mental and Moral Philosophy.

[L] Lorne Medal for highest Standing in Examinations for Bachelor of Applied Science.

[C2] Second Rank do.

[E2] do do

[M2] do do

[N2] do do

[P2] do do

\* Deceased.

† indicates the *Gold Medallist* for the subject denoted by the letter to which it is prefixed; or, if standing alone, for best general standing. For the titles of the Gold Medals assigned to the several subjects since 1864, see § VI. of Faculty of Arts.

In 1857, 1858, 1859, the *Chapman Medal* was awarded for the best general standing; 1860, 1861, 1862, for Classics; 1863 for Mental and Moral Philosophy; 1864 for Natural Science.

In 1862 the *Prince of Wales Medal* was awarded for Natural Science; 1863 for Mathematics, and Physics; 1864 for Classics.

NOTE.—The Registrar of the University will be grateful for any corrections or additions to the addresses given in the above lists; and also for communication of titles which graduates may have acquired since their graduation.

# Students of the University.

SESSION 1879-80.

## McGILL COLLEGE.

### FACULTY OF LAW.

#### FIRST YEAR.

Barnard, Archibald E., Montreal, Q.	Lefebvre, Toussaint Z., Montreal, Q.
Brooke, George A., Richmond, Q.	Lighthall, George R., Montreal, Q.
Crankshaw, James, Montreal, Q.	McDonald, Hector C., Belfast, P.E.I.
Cross, William H., Montreal, Q.	Morgan, Edward A. D., Montreal, Q.
Dagenais, Joseph A., Ste. Rose, Q.	Pillsbury, Carrol E., Augusta, Me.
Dubig, John T., Quebec, Q.	Renaud, Pierre U., Montreal, Q.
Girard, Alfred C., Marieville, Q.	Scriver, Charles W., Montreal, Q.
Guertin, Alfred L., Montreal, Q.	Weeks, William A., Belfast, P.E.I.
Goldstein, Maxwell, Montreal, Q.	Weir, Frank, Montreal, Q.
Hipple, Ezra F., Campden, O.	White, William J., Montreal, Q.
Joliffe, William J., Montreal, Q.	Wright, George C., Montreal, Q.
Klock, Robert A., Montreal, Q.	

#### SECOND YEAR.

Aylmer, Hon. Henry, Melbourne, Q.	Lane, Campbell, Montreal, Q.
Chagnon, Joseph E., Montreal, Q.	Lyman, Albert C., Montreal, Q.
Cross, Alexander, Ormstown, Q.	McMahon, Edmond M., Montreal, Q.
DeMartigny, A. L., Montreal, Q.	Oughtred, Allen R., Sheridan, O.
Downie, Donald, Hinchinbrooke, Q.	Raynes, Charles, Montreal, Q.
Forster, Rev. Joseph L., Newcastle-on-Tyne, E.	Redpath, William W., B.A., Montreal, Q.
Foster, George G., Knowlton, Q.	Rutherford, Alexander C., Woodstock, O.
Gauthier, Antoine A., Sault-au-Recollet, Q.	Shortis, James, Three Rivers, Q.
Ingalls, Allen G., Granby, Q.	Smith, Robert C., Montreal, Q.
Klock, Robt. Alex., Aylmer, Q.	Trudel, Louis P., Montreal, Q.
	Weir, William A., Montreal, Q.

#### THIRD YEAR.

Alguire, John C., Cornwall, O.	Goyette, Gonzalve H.D., Beauharnois, Q.
Atwater, Albert W., B.A., Montreal, Q.	Hammond, Henry R., Chatham, Q.
Austin, Joseph E., Montreal, Q.	Hunter, Herbert S., Montreal, Q.
Berthelot, Joseph B., Montreal, Q.	Laplante, Jean B., St. Stanislas, Q.
Biron, Jean B. S., Montreal, Q.	Lafleur, Eugene, B.A., Montreal, Q.
Brakenridge, J. Wm., Perth, Scotland.	Madore, Camille, N. Dame de Graces, Q.
Chartrand, Alfred J., Montreal, Q.	McLennan, William, Montreal, Q.
Cooke, J. P., Drummondville, Q.	McKercher, John, Montreal, Q.
Creighton, James G. A., Halifax, N.S.	McFee, Kutusoff M., B.A., Montreal, Q.
DeBeaumont, Alfred L., Montreal, Q.	Reddy, William B. S., Montreal, Q.
DeMartigny, Charles L., Montreal, Q.	Sharp, William P., London, E.
Doré, Pierre J., Laprairie, Q.	Weir, Robert, Montreal, Q.
Dugas, François O., Montreal, Q.	

## FACULTY OF MEDICINE.

- †Ayer, Nehemiah, M.A., Woodstock, N.B.  
 Allen, Clarence E., East Farnham, Q.  
 Ambrose, Thomas, Montreal, Q.  
 Bangs, Edson Clark, Faribault, Minn.  
 Beer, Charles N., Charlottetown, P.E.I.  
 Bell, D.M., New Edinburgh, O.  
 Bennet, James, B.A., Montreal, Q.  
 Bowser, James C., Kingston, N.B.  
 Brown, Charles O., Lawrenceville, Q.  
 Brown, Thomas L., Ottawa, O.  
 Burland Benjamin W., Stottsville, Q.  
 †Cahalan, James, Wyandotte, Mich.  
 Cameron, Charles E., Montreal, Q.  
 Cameron, Paul, Williamstown, O.  
 Cameron, John W., Montreal, Q.  
 Campbell, Lorne, Montreal, Q.  
 Cantlie, George, Montreal, Q.  
 Carson, John H., Port Hope, O.  
 Cattenach, Angus M., Dalhousie Mills, O.  
 Case, Thos. E., Exeter, O.  
 Christie, Edmund, Lachute, Q.  
 †Church, Frederick W. H., Aylmer, Q.  
 Clarke, Sinclair H. J., Winnipeg, Man.  
 Comstock, Harlow M., Lawrence, Mass.  
 Cook, S. E., Aultsville, O.  
 Cormack, Wm., Guelph, O.  
 †Cowley, Daniel K., Ottawa, Q.  
 Cuthbert, Albert R., Berthier, Q.  
 Dawson, Rankine, B.A., Montreal, Q.  
 Dearden, George A., Richmond, Q.  
 Denyer, William W., Toronto, O.  
 Derby, William J., North Plantagenet, O.  
 Dickson, James A., Trenholmeville, Q.  
 †Dibblee, Geo. O., Moore's Mills, N.B.  
 Drummond, William A., Montreal, Q.  
 Duncan W. T., Granby, Q.  
 \*Duncan, James H., Goderich, O.  
 Dunlop, Alex. H., Pembroke, O.  
 Edick, George H., Dundas, O.  
 †Edwards, James S., London, O.  
 Eliot, Andrew, Almonte, O.  
 Fairbanks, Chas. S., Oshawa, O.  
 Feader, Henry C., Iroquois, O.  
 Fergu-on, William A., Richibucto, N.B.  
 Fielde, Edmund C., Prescott, O.  
 Fillmore, Edwin A., Strathroy, O.  
 Forde, S. M., Almonte, O.  
 Fraser, Henry D., Pembroke, O.  
 Gale, Hugh, Elora, O.  
 Gardner, John J., Beauharnois, Q.  
 Gordon, Chas. M., Ottawa, O.  
 Grant, James A., B.A., Ottawa, O.  
 Grange, T. W., Nananee, O.  
 Gray, James, Brucefield, O.  
 Grey, William L., Pembroke, O.  
 Griffith, Thomas H., Barbadoes, W. E. I.  
 Haldimand, A. W., Montreal, Q.  
 Hanvey, Chas. B. H., Cleveland, Ohio.  
 Harrisson, J. H., Moulinette, O.  
 Harvie, John B., Ottawa, O.  
 †Heard, Charles D., M.A., Charlottetown, P.E.I.  
 Higginson, Henry A., L'Orignal, O.  
 †Henderson, Andrew, Montreal, Q.  
 Houston D. W., Belleville, O.  
 Hurdman, B. F. W., Aylmer, Q.  
 Heyd, Herman E., Brantford, O.  
 Hopkins Joseph A., Cookshire, Q.  
 Howard, Robt. J. B., B.A., Montreal, Q.  
 Hunt, John J., Lambeth, O.  
 Hutchins, Horace A., East Farnham, Q.  
 †Inksetter, David G., Copetown, O.  
 Jack, W. D. B., B.A., Fredericton, N.B.  
 Johnson, J. A., Almonte, O.  
 Johnson, C. H., Almonte, O.  
 Josephs, George E., Pembroke, O.  
 Kelly, Patrick N., Rochester, Minn.  
 Klock, Robert H., Eardley, Q.  
 Lang, William A., St. Marys, O.  
 Lathern, John S., Yarmouth, N. S.  
 Laurin, E. Joseph, Montreal, Q.  
 †Logan, Robert, Iona, Mich.  
 Loring, J. B., Sherbrooke, Q.  
 Lunam, Henry, B.A., Litchfield, Q.  
 †Maas, Rudolph J., Negaunee, Mich.  
 Martel, Ovide, Montreal, Q.  
 Maher, James J., Albany, N. Y.  
 Meahan, John C., Bathurst, N.B.  
 Macdonald, Alex., Paisley, O.  
 Macdonald, Malcolm C., Glencoe, O.  
 †Macdonald, Robert C., Perth, O.  
 Macdonald, Robt. T. E., Montreal, Q.  
 McCaffrey, Francis F., New York, U. S.  
 McCorkill, Robert K. C. G., Montreal, Q.  
 †McDonald, John A., Panmure, P. E. I.  
 †McEachran, William, Montreal, Q.  
 McEvenue, John E., Montreal, Q.  
 McGannon, Edward A., Prescott, O.  
 McKay, James, Ottawa, O.  
 McKenzie, Kenneth A. J., Melbourne, Q.  
 †McKenzie, Bartholomew, E., B.A., Aurora, O.  
 McLean, Thomas N., Perth, O.  
 †McLaren, David C., B.A., Montreal, Q.  
 McLeod, Archibald, Orwell, P. E. I.  
 †McNulty, Michael, Iroquois, O.  
 McRae, John C., Port Colborne, O.  
 Mewburn, Frank H., Drummondville, O.  
 †Mignault, Louis D., B.A., Montreal, Q.  
 Morgan, William G., Sorel, Q.  
 Morris, William, B.A., Brockville, O.  
 Moore, William, Owen Sound, O.  
 Muckey, Floyd S., Medford, Minn.  
 Musgrove, Wm. J., West Winchester, O.  
 O'Brien, T. J. P., Worcester, Mass.  
 †O'Callaghan, Thomas A., B.A., Worcester, Mass.



O'Keefe, Henry, Lindsay, O.	Shanks, James C., Huntingdon, Q.
Ogden, Henry V., B.A., St. Catharines, O.	Shaw, Alex., Seaforth, O.
Page, Thomas A., Brockville, O.	Shaver, William H., Wales, O.
Park, James, Newcastle, N.B.	Shaver, Robert, Williamstown, O.
Perks, Wm. C., Port Hope, O.	Sheriff, George R., Huntingdon, Q.
†Pinsonneault, Bernard, Montreal, Q.	Shrady, George, New York, N. Y.
Poaps, Allen P., Osnaburck Centre, O.	Sihler, George A., Simcoe, O.
†Poole, Henry E., Wakefield, Q.	Shufelt, William A., Brome, Q.
Prendergast, Walter J., B.A., Côte des Neiges, Q.	†Small, Henry B., Ottawa, O.
Prime, Merrill F., Brome, Q.	†Smiley, Jonathan, St. Lamberts, Q.
†Pringle, Alex. F., Cornwall, O.	Smith, W. A., Lachine, O.
†Pulford, Frederick W., Winnipeg, Man.	Smith, Edward H., Montreal, Q.
Reynolds, Thomas W., Brockville, O.	Stephen, William, Montreal, Q.
Rogers, E. J., Peterboro, O.	†Stewart, James O., St. Anicet, Q.
†Riordan, Bruce L., Port Hope, O.	Stewart, Andrew, Howick, Q.
Robinson W. G., Lyn, Mass.	†Stevenson, Hans, Wakefield, Q.
†Ross, George T., Montreal, Q.	Struthers, Alex. D., Philipsburg, Q.
Ross, Lewis D., Montreal, Q.	Taylor, Arthur J., Montreal, Q.
Ross, John W., Winthrop, O.	Teller, Robert B., Simcoe, O.
Ross, James, B.A., Dewittville, Q.	Thornton, H. W., B.A., Montreal, Q.
Rutherford, Clarendon, M.A., Waddington, N. Y.	Thompson, William E., Harbor Grace, Nfld.
Rutledge, And. J., Bayfield, O.	Trueman, James E., Sackville, N. B.
Rowell, George B., Abbotsford, Q.	Tupper, Freeman, Milton, N. S.
†Ruttan, Allan M., Napanee, O.	Vanier, Philias F., St. Martin, Q.
Scott, Walter M., Winnipeg, Man.	Wagner, George C., Dickinson's Landing, O.
Serviss, Thos. W., Iroquois, O.	Williams, Joseph, London, O.
	Wood, Ed. S., Faribault, Minn.

† M. D., C. M., 1880.

\* Summer Session only.

## FACULTY OF ARTS.

*Undergraduates in Arts.*

## FIRST YEAR.

Barlow, Alfred E., Montreal, Q.	Hunter Walter, Hamilton, O.
Bland, Charles E., Montreal, Q.	Kinloch, John Alex., Montreal, Q.
Bowers, Alfred A., Kincardine, O.	Lee, Archibald, Pendleton, O.
Brown, J. Williston, Charlottetown, P. E. I.	Marcean, James H., Napierville, Q.
Cameron, John D., Dewittville, Q.	Morris, Charles B., Montreal, Q.
Chipman, Lewis, Yarmouth, N. S.	O'Halloran, George F., Cowansville, Q.
Doane, Morris A., Yarmouth, N. S.	Orr, Alfred E., Cookshire, Q.
Elliott, J. Raleigh, Ulverton, Q.	Porter, James A., Kemptville, O.
England, Luther M., Knowlton, Q.	Reid, John T., North Mountain, O.
Fraser, William, Dundee, Q.	Richardson, Alex. W., Montreal, Q.
Fraser, Donald J., Montreal, Q.	Ross, Lewis F., Montreal, Q.
Gardner, Alexander, St. Louis de Gonzague, Q.	Shearer, Wm. K., Athelstan, Q.
Greenshields, Robert A., Danville, Q.	Tait, Thomas J., Montreal, Q.
Griffith, Thos. H., Montreal, Q.	Wheeler, Claude L., Montreal, Q.
	Young, Kenneth D., Montreal, Q.

## SECOND YEAR.

Barron, Thomas J., Lachute, Q.	Lafleur, Henri A., Montreal, Q.
Cockfield, Henry, Montreal, Q.	Mackay, Daniel, Pictou, N. S.
Fry, Henry, Quebec, Q.	Macrae, Lawrence O., Montreal, Q.
Guertin, Alfred, Acton, Q.	McKillop, Peter C., Inverness, Q.
Hague, Henry J., Montreal, Q.	Martin, Alfred W., Montreal, Q.

Morin, Jos. L., Three Rivers, Mass. U. S.  
 Parent, Manasseh B., St. Pie, Q.  
 Rielle, Norman T., Montreal Q.  
 Rogers, John H., Huntingdon, Q.  
 Ross, Peter R., West Torre, O.  
 Smith, Arthur W., Lachine, Q.  
 Stewart, Robert, Lachute, Q.

Stirling, Robert, Montreal, Q.  
 Thomas, Francis W. G., Montreal, Q.  
 Trenholme, Chas. W., Montreal, Q.  
 Walker, George F., Waddington, N.Y.,  
 U. S.  
 Westlake, Henry W., Exeter, O.  
 Whillans, George, Ottawa, O.

## THIRD YEAR.

Ami, Henry Mark, Ottawa, O.  
 Black, Charles, Granby, Q.  
 Bracq, John C., Grand Ligne, Q.  
 Elder John, Huntingdon, Q.  
 Falconer, Alexander, Montreal, Q.  
 Ferguson, William A., Richibucto, N.B.  
 Gamble, Robert, Billings's Bridge, O.  
 Gregor, Leigh R., Charlottetown, P.E.I.  
 Lawford, Charles A., Montreal, Q.  
 LePage, Thos. A., Charlottetown, P.E.I.  
 Lyman, Walter E., Montreal, Q.  
 McDonald, Hector C., Flat River, P.E.I.

McKenzie, Wm. Alex., Lanark, O.  
 MacLeod, Archibald, Orwell, P. E. I.  
 McNabb, Robert, Woodville, O.  
 Macpherson, Kenneth R., Montreal, Q.  
 Reid, James, North Mountain, O.  
 Robertson, George, Garafraxa, O.  
 Rutherford, Alexander C., Ormond, O.  
 Tucker, John W., Sorel, Q.  
 Weeks, Wm. A., Charlottetown, P. E. I.  
 Weir, Frank, Montreal, Q.  
 White, William John, Montreal, Q.

## FOURTH YEAR.

Allen, Frank A., Huntingdon, Q.  
 Payne, George D., Montreal, Q.  
 Bennet, James, Montreal, Q.  
 Bull, Harcourt J., Montreal, Q.  
 Craig, James A., Fitzroy Harbour, O.  
 Cunningham, Thomas E., Montreal, Q.  
 Currie, Dougald, Crinan, O.  
 Darey, J. Herbert, Montreal, Q.  
 Keays, Charles H., Hamilton, O.  
 Klock, Robert A., Aylmer, Q.  
 Lafleur, Paul T., Montreal, Q.

Larivière, Vitalien, Roxton Falls, Q.  
 McIntyre, Hector A., Manilla, O.  
 Mercer, Walter D., Montreal, Q.  
 Molson, Charles A., Montreal, Q.  
 Muir, A. C., North Georgetown, Q.  
 Ogilvie, Arch., North Georgetown, Q.  
 Pillsbury, Carroll E., Augusta, Me., U.S.  
 Raynes, Charles, Montreal, Q.  
 Roberts, George F., Montreal, Q.  
 Sriver, Charles W., Hemmingford, Q.

*Partial and Occasional.*

Allard, Joseph, St. Anne, Kankakee, U.S.  
 Ami, Samuel T., Ottawa, O.  
 Bates, Martin J.  
 Blouin, Alfred, Montreal, Q.  
 Bolton, Charles E., Bolton, O.  
 Bouchard, Theodore A., Montreal, Q.  
 Bruneau, Ishmael, St. Constant, Q.  
 Cameron, Daniel G., Metcalfe, O.  
 Carrière, Samuel, Belle Rivière, Q.  
 \*Chaffee, Azro B., Montreal, Q.  
 Conron, Matthew B., Chesley, O.  
 \*Desmond, Denis D., Constable, Frank-  
 lin Co., N. Y.  
 Dow, James, Montreal, Q.  
 Duclos, John.  
 Edge, Joseph, Traverston, O.  
 Fear, Ezra Adam, Brussels, O.  
 Gibson, John, Vankleek Hill, O.  
 Grant, John P., Metcalfe, O.  
 Hague, Fred. H., Montreal, Q.  
 Haldimand, Albert.  
 Henderson, George W., Sparta, O.  
 \*Hitchcock, Gilbert, Massawippi, Q.  
 \*Internoscia, Antonio, Montreal, Q.

Knechtel, Valentine, Brussels, O.  
 \*Lamb, Francis, P. S., Montreal, Q.  
 McClure, William, B.A., Lachute, Q.  
 McFarland, James, Ottawa, O.  
 McKinnon, John, Manilla, O.  
 \*McLennan, Neil, Montreal, Q.  
 Mallory, Delmer E., Mallorytown, O.  
 Marceau, William F., Napierville, Q.  
 Moir, David A., London, O.  
 \*Morrison, John A., Rona, P.E.I.  
 \*Murray, William L. F., Isle Dorval, Q.  
 Perrin, John.  
 Rondeau, Samuel.  
 Saer, John B., St. Clears.  
 Shortis, James, Three Rivers, Q.  
 Skinner, George, Melbourne, Q.  
 Smith, Alfred E., Carlingford, O.  
 Stewart, James B., Innisville, O.  
 Teichman, J. M.  
 Tessier, Napoléon, Montreal, Q.  
 Townsend, John A., Billings's Bridge, O.  
 Turk, George R., Tilsonburg, O.  
 Wright, George C., Hull, O.  
 Young, William R., Kingston, O.

\* Partial Students.



## FACULTY OF APPLIED SCIENCE.

## FIRST YEAR.

McMillan, David E., Montreal, Q.	Smith, Richard F., Montreal, Q.
McTaggart, Duncan D., Montreal, Q.	Stewart, David M., Carlton Place, Ont

## SECOND YEAR.

Burland, Jeffrey H., Montreal, Q.	Miller Frederick, Napanee, O.
Foster, Philip L., Kingston, O.	Rabb, John, Lombardy, O.
Green, Thomas D., Brantford, O.	Skaife, Lewis J., Montreal, Q.
Houlahan, Alex., Morrisburg, O.	Stephens, G. C., Montreal, Q.
Low, Albert P., Montreal, Q.	

## THIRD YEAR.

Archibald, A. Henry, Montreal, Q.	Richard, Louis N., Montreal, Q.
Bolton, Thomas, Newmarket, O.	Waddell, Robert W., Cobourg, O.
Drummond, T., Edinburgh, S.	

*Occasional Students.*

Donald, James T., B.A., Montreal, Q.	Morkill, John T.
McConnell, R. G., Chatham, O.	Street, H., Ottawa, C.

## MORRIN COLLEGE.

## FACULTY OF ARTS.

*Undergraduates.*

Duclos, Charles A., Quebec, Q.	Meredith, Frederick E., Quebec, Q.
Ferguson, James D., Quebec, Q.	Maxwell, Andrew B., New Carlisle, Q.
Hemming, Henry, Montreal, Q.	Pritchard, John G., Valcartier, Q.
Hewett, James, Quebec, Q.	Walker, Edward G., Quebec, Q.

Besides 10 Occasional Students.

## ST FRANCIS COLLEGE, RICHMOND, P. Q.

## FACULTY OF ARTS.

*Undergraduates.*

## FIRST YEAR.

Goodhue, Edward Solon, Arthabaska-ville, Q.	Mackie, John, Danville, Q.
Holland, Charles Edward, Melbourne, Q.	McLeod, Norman, Brompton Gore, Q.
	McKenzie, Peter S. G., Melbourne, Q.

## SECOND YEAR.

Brown, Albert J., Windsor Mills, Q.	Duffett, Henry J., Kinnear's Mills, Q.
Campbell, Henry, South Durham, Q.	Kinnear, George, Kinnear's Mills, Q.

## THIRD YEAR.

Ramsay, George, Orillia, O.

*Occasional.*

Ames, Joseph, Melbourne, Q.	Hamilton, James, Melbourne, Q.
Barvis, William, Arthabaskaville, Q.	Leonard, John, Winslow.
Dickson, William E., Trenholmville, Q.	Leonard, William, Kingsbury, Q.
Graham, George, Richmond, Q.	

## SUMMARY.

Students in Law, McGill College,.....	70
“ in Medicine “ .....	166
“ in Arts “ { Undergraduates, .....	96
“ { Partial and Occasional,.....	47
“ in Applied Science, { Undergraduates,.....	18
“ { Occasional, .....	4
“ “ Morrin College, { Undergraduates,.....	8
“ { Occasional,.....	10
“ “ St. Francis College, { Undergraduates,.....	10
“ { Partial and Occasional,.....	7
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Total number of Students,.....	436
Deduct entered in two Faculties,.....	12
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Teachers in training in Normal School,.....	137
Pupils in Model Schools.....	343
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Total Students and Pupils,.....	904

# Higher Examination of Women.

SENIOR ASSOCIATE IN ARTS.

1880.

GEORGINA HUNTER, Montreal.

## School Certificates of the University.

ASSOCIATES IN ARTS.

1865.

Montgomery Jones.  
John Ferguson.  
Charles Cushing.  
Robert H. Conroy.  
Samuel Stevenson.  
Wallace Clarke.  
Frederick W. Evans.  
Robert W. Forester.  
Edward B. Greenshields.  
Montgomerie Lewis.  
George Joseph Bull.  
Albert Murray.  
Daniel McLachlin.

1866.

Sidney Arthur Fisher.  
Charles E. Porteous.  
Will. W. Walkem.  
Chas. G. Stewart.  
Geoffrey W. Porteous.  
Florence David.  
Hew. D. Whitney.  
George W. Torrance.  
Robt. M. Esdaile.

1867.

Charles H. Ferry.  
James Rodger.  
Geoffrey W. Porteous.  
Thomas C. Thomson.  
Francis J. Shepherd.  
Gerald Lloyd.

1868.

John Fraser Torrance.  
Will. Osborne M. Cross.  
Henry G. W. Badgley.  
John B. Abbott.  
John Gray Grant.  
Thomas C. Hempsted.

1869.

Arthur F. Ritchie.  
Simon J. Tunstall.  
Charles R. Jones.  
O'Hara Baynes.  
Aaron D. M. DeSola.  
Charles Jas. Fleet.  
John Thos. Caldwell.  
James M. Mitchell.  
John Kay.  
James Green.

1870.

William Bell Dawson.  
Archibald D. Taylor.  
Hiram B. Stephens.  
Henry W. Thomas.  
Samuel Greenshields.  
Sheringham A. Shepherd.  
William McEachran.  
David S. Robertson.

1875.

William D. Lighthall.  
W. A. Farwell.  
Robert T. B. Howard.  
Charles A. Molson.

1876.

J. Herbert Darey.  
Paul Theodore Lafleur.  
Edwin Hudson Bisset.  
Andrew G. Ross.  
James R. Foster.  
Frederick Mindon Cole.  
William Dawson McGregor.  
John Ewart.  
J. Gordon Gibson.  
Wilfred T. Skaife.  
Charles J. Walker.

1877.

Alexander Falconer.  
 Thomas B. Macaulay.  
 Armand F. Teefy.  
 Mina Douglas.  
 M. Stuart Fraser.  
 William Martin.  
 Walter H. Snow.  
 Louisa McFee.  
 Margaret A. Mills.  
 Ida Papineau.  
 Walter E. Lyman.  
 Helen Macklen.  
 Jane Darling.  
 George Graham.  
 Murray A. Biggar.  
 Jessie Ross.  
 Eva Dawson.  
 Alice Cumming.  
 Kenneth R. Macpherson.  
 Walter H. Lancey.  
 Robert A. Wallace.  
 Alexander McGibbon.  
 Marietta Jones.  
 Frank Weir.  
 Nathaniel D. Drew.

1878.

Henri A. Lafleur.  
 Grace Darling.  
 Henry R. Fairclough.  
 Andrew Lawson.  
 William H. Boyle.  
 N. J. Rielle.  
 George Kapelle.  
 John B. Rose.  
 Lillian Martin.  
 Henry Cockfield.  
 Louisa Harrison.  
 David Young.  
 Lawrence C. Rose.  
 Bessie Radford.  
 Kate McKeand.  
 Maggie Stewart.  
 Maggie Campbell.  
 A. W. Martin.  
 Florence W. Bissett.  
 C. W. Trenholme.  
 Robert Sterling.  
 Maggie White.  
 Frederick E. Belcher.  
 Anna Baxter.  
 Minnie Greenshields.  
 Emma D. Meikle.  
 C. D. Godfrey.  
 Lawrence MacRae.  
 Neil McLennan.

1879.

James Charles Allan.  
 Charles Edward Bland.

1879.—*Continued.*

George W. Hambley.  
 John C. Fields.  
 R. Norman Hudspeth.  
 Louisa McDonald.  
 Wyatt G. Johnston.  
 Robert Little.  
 Henry J. H. Petry.  
 Edward J. K. Noyes.  
 Edith Durdan.  
 Adolph Kraft.  
 Richard F. Morris.  
 William Morris.  
 Duncan D. McTaggart.  
 Archibald McK. McMechan.  
 Donald John Fraser.  
 John Coutts.  
 Thomas Crawford.  
 Jessie McConnell.  
 Deverex Emmet.  
 Alfred E. A. Barlow.  
 Elizabeth Smith.  
 Claude L. Wheeler.  
 Charles McP. Holt.  
 Maggie Osgood.  
 George S. Baker.  
 Arthur G. Weld.  
 William L. Murray.  
 Christina J. Galt.  
 George R. Mills.  
 Alexander Malcomson.  
 Thomas J. Tait.  
 Kenneth D. Young.  
 Albert W. Haldimand.

1880.

Edward H. P. Blackader.  
 William Logan.  
 Mary J. MacCallum.  
 Walter H. Turner.  
 Minnie H. McKean.  
 Mary B. Badenach.  
 Wm. C. Morrison.  
 Robert C. Kirkpatrick.  
 Julius T. Gnaedinger.  
 Richard S. Kinghorn.  
 Jean W. Johnston.  
 Norman R. Macaulay.  
 Hugh McLennan.  
 William Cherrie.  
 Eugene McMullan.  
 Elena C. Livingstone.  
 William Christie.  
 James B. McNaughton.  
 Lyman Duff.  
 John D. Courtney.  
 Maud M. Lamb.  
 William Gibson.  
 James B. Gibson.  
 Frank Baker.

## JUNIOR CERTIFICATES.

1875.

Charles F. Dawson.  
 William C. Norris.  
 William S. Kerry.  
 Frank D. Adams.

1876.

William R. Robertson.

1877.

Annie Cussack.  
 Lizzie Cox.  
 Ella Gardiner.  
 Elizabeth Monk.  
 Jessie Logan.  
 Alexander W. Richardson.

1878.

George Ross.  
 David McKinnon.  
 Jane Wood.  
 Annie Troup.  
 Jennie Edgar.  
 Edwin W. Griffin.  
 Mary Troup.  
 Herbert R. Macaulay.  
 Jessie Stewart.  
 Alexander Ambrose.

Milton Vandewater.  
 Julie Somerville.  
 Maggie Osgood.  
 Fritz G. Gnaedinger.  
 Robert A. Elliott.  
 Dora Scott.  
 Frederick F. Kingston.  
 William H. Adams.

1879.

Margaret McCoy.  
 Ina Sutherland.  
 Hattie Dalley.  
 Grace Darling.  
 Margaret Wilson.  
 Augusta Pedersen.  
 George Corey Thomson.  
 Georgina Iles.  
 Mary Mitchell.  
 Arthur Mercer.

1880.

Jessie S. Greenshields.  
 William Graham.  
 Bertha Savage.  
 Ellie M. Cole.  
 David Ogilvie.  
 Jeannie Ross.  
 Lorrie Dickson.



## STANDING IN THE EXAMINATIONS, 1880.

## SENIOR ASSOCIATE IN ARTS.

Georgina Hunter, (Academy Class of McGill Normal School and Private Study),  
 creditable answering in all the Imperative subjects and in Botany.

## ASSOCIATES IN ARTS.

No.

1. Edward H. P. Blackader (High School, Montreal),	1009	Marks.
38. William Logan (Collegiate Institute, Hamilton),	1005	"
37. Mary J. McCallum (Collegiate Institute, Hamilton),	956	"
7. Walter H. Turner (High School, Montreal),	907	"
39. Minnie H. McKean (Collegiate Institute, Hamilton),	899	"
19. Mary B. Badenach (Girls' High School, Montreal),	} equal	894
42. Wm. C. Morrison (Collegiate Institute, Hamilton),		
4. Robert C. Kirkpatrick (High School, Montreal),	890	"
13. Julius T. Gnaedinger (High School, Montreal),	887	"
3. Richard S. Kinghorn (High School, Montreal),	886	"
17. Jean W. Johnston (Girls' High School, Montreal),	845	"
5. Norman R. Macaulay (High School, Montreal),	784	"
6. Hugh McLennan (High School, Montreal),	746	"
48. William Cherry (Collegiate Institute, Hamilton),	730	"
46. Eugene McMillan (Collegiate Institute, Hamilton),	703	"
18. Elena C. Livingstone (Girls' High School, Montreal),	697	"
71. William Christie (Lachute College),	678	"
44. James B. McNaughton (Collegiate Institute, Hamilton),	654	"
40. Lyman Duff (Collegiate Institute, Hamilton),	648	"
49. John D. Courtenay (Collegiate Institute, Hamilton),	620	"
24. Maud L. Lamb (Girls' High School, Montreal),	607	"
50. William Gibson (Collegiate Institute, Hamilton),	528	"
35. James B. Gibson (Dunham Academy),	474	"
36. Frank Baker (Dunham Academy),	418	"

## JUNIOR CERTIFICATES.

23. Jessie G. Greenshields (Girls' High School, Montreal),	652	Marks.
14. William Graham (High School, Montreal),	633	"
45. Bertha Savage (Collegiate Institute, Hamilton),	618	"
22. Ellie M. Cole (Girls' High School, Montreal),	497	"
29. David Ogilvie (Senior School, Montreal),	488	"
26. Jeannie Ross (Senior School, Montreal),	386	"
31. Lizzie Jackson (Senior School, Montreal),	381	"

## STANDING IN THE SEVERAL SUBJECTS.

[The numbers correspond with those in the preceding list. The numbers in parentheses are equal in standing.]

*I. Preliminary.*

*Reading*.—(18, 35), (3, 11, 12, 13, 23, 26, 28, 30, 36, 45), (40, 58), (1, 8, 9, 17, 21, 22, 24, 25, 47), (4, 6, 16, 56), (5, 7, 10, 19, 20, 29, 31, 32, 33, 39, 50, 71), (42, 44), (37, 41, 43, 46), (2, 14, 15, 33, 48, 49, 57).

*Dictation*.—(37, 38), 12, (30, 39), (17, 23), (28, 45), (14, 18, 40, 48), (3, 4, 11, 13, 20, 22, 29, 33, 42), (1, 6, 41), (7, 49, 58), (8, 9, 10, 25, 31, 57), (26, 43, 46), (15, 21), (5, 56), 19, (2, 6, 36), 35, (44, 50), (24, 32, 47, 71).

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ARTS AND APPLIED SCIENCE.  
FROM MAY, 1879, TO MAY, 1880.

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APRIL 15TH—JULY 8TH, 1880.

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DAILY, 12.30-2.30.		
<b>Urinary Disorders</b> —The urine in Health and Disease. Demonstrations on Urinary deposits, Chemical and Microscopical.	}	<b>Geo. Ross, M.A., M.D.</b> Prof. of Clinical Medicine.
TUESDAYS, 11 a.m.....		
<b>Genito-urinary System.</b> —Lectures and Demonstrations on the Surgical Diseases of.	}	<b>T. G. Rodderick, M.D.</b> Prof. Clinical Surgery.
FRIDAYS, 11 a.m.....		
<b>Diseases of Women.</b> —Methods of examining patient ; use of speculum and uterine sound ; disorders of menstruation ; leucorrhœa, its causes and treatment ; tumours of the uterus, displacements of uterus, &c. MONDAYS & THURSDAYS, 11 a.m.....	}	<b>D. C. McCallum, M.D.</b> Prof. of Midwifery and Diseases of Women.
<b>Practical Gynecology.</b> —for senior Students, at the University Dispensary for Women THRICE WEEKLY.....	}	<b>Drs. McCallum and Gardner.</b>
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DAYS TO BE NAMED. . . . . } Prof. of Clinical Surgery.

**Diseases of the Skin.**—Twelve Lectures and Demonstrations. } **T. G. Roddick, M.D.**  
DAYS TO BE NAMED. . . . . } **F. J. Shepherd, M.D.**

**Practical Pathology.**—consisting of twenty demonstrations in the autopsy-room of the hospital. Students will make the post-mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations.—BI-WEEKLY, 1 p.m. . . . . } **Wm. Osler, M.D.**  
Prof. of  
Physiology and Pathology.

**Practical Obstetrics.**—Instruction in the diagnosis of presentations and the clinical management of cases. . . . . } **A. A. Browne, B.A., M.D.**  
Clinical Assistant to the  
Prof. of Midwifery.

All students desirous of attending the above courses, are expected to register their names with the Registrar, *within one week* after the beginning of the Session, and to pay a *fee of \$10*, when a ticket will be issued admitting to the lectures, which ticket must be presented. Enregistration and payment of the fee are compulsory upon all students whether attending one or more of the classes.

A printed certificate of attendance will be issued at the close of the Session.

The following courses will be also conducted during the summer, and may be taken by enregistered students.

**Practical Chemistry**, including blowpipe manipulation, qualitative analysis, toxicological investigations, analysis of urine, &c. This course is the same as, and may be taken in lieu of, the Sessional Course during the winter, *Fee \$12*. } **G. P. Girdwood, M.D.**  
Prof. of  
Practical Chemistry.  
MON., WED., and FRIDAYS, 3-5 p.m. . . . . }

**Practical Histology**, normal and pathological. } **Wm. Osler, M.D.**  
A course of twenty lessons. Microscopes, reagents, and material provided. *Fee, \$15*. } Prof. of  
TUESDAYS & THURSDAYS, 3-5 p.m. . . . . } Physiology and Pathology.

[A similar session will be held in the spring of 1881, of which due announcement will be made.]

## II. MATRICULATION IN THE FACULTY OF LAW.

The books at present prescribed are the following :—

*Latin*.—Virgil, *Aeneid*, Book I.; Cicero, *Pro Lege Manilia*; Caesar, *Bel. Gal.* Bk. I.

*French*.—De Fivas' "Grammaire des Grammaires;" \*Molière, 'Le Bourgeois Gentilhomme'; † Translation into French of Macaulay's *Essay on Frederick the Great*.

Exercises in composition and grammatical analysis, in English and French.

*Mathematics*.—Arithmetic; Algebra to the end of simple equations; Euclid, Books I., II., III.

*History*.—White's *Outline of Universal History* (or any equivalent manual), \*Green's *Short History of the English People*; Miles' *School History of Canada*; † Duruy *Histoire de France*.

*Literature*.—\* Collier's *Biographical History of English Literature*; † Laharpe, *Cours de Littérature*; † Lefranc, *Cours de Littérature*.

*Rhetoric*.—Whately's *Rhetoric*; Blair's *Lectures* (small edition).

*Philosophy*.—\* Whately's *Logic*; † La Logique de Port Royal; † Cousin, *Histoire de la Philosophie*; \* Stewart's *Outline of Moral Philosophy*.

N.B. The works mentioned above preceded by an asterisk are for English students only. Those preceded by a cross are for French students only. The remainder are for both English and French.

## III. LECTURES TO NOTARIAL STUDENTS IN THE FACULTY OF LAW.

*Theory and Practice of Notarial Deeds and Proceedings.*

*Lecturer*:—LEWIS A. HART, M.A., B.C.L.

A course of lectures imperative to Notarial Students, optional to Law Students, will be delivered in the Session of 1880-81. Details will be announced at the beginning of the Session.

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